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ANTIRRHINUM
Junglewood White

Vaughan's MID-SUMMER OFFER *June* 1945

CHICAGO, 601 W. JACKSON BLVD.—NEW YORK, 47 BARCLAY ST.

New Snapdragon Junglewood White ON FRONT COVER

The single floret which is shown on our front cover, in addition to typical spikes, is reproduced actual life size so that you may judge the quality of this splendid new variety.

"SNAPS" For Greenhouse Forcing

Snapdragon being one of the leading Florist Greenhouse crops, we have followed very closely the development of the Winter Flowering or Forcing type and offer the following approved varieties.

From observations made of the Greenhouse Snapdragons herein listed, we wish to make the following recommendations of popular sorts in regard to early flowering winter varieties, intermediate and late flowering spring varieties. Each type is good under certain conditions. Early types planted in the south, with more light, will set buds earlier and not make suitable spikes but for winter flowering during the dark days in our latitude early types should be used, and for after "Mums" and spring blooming use the intermediate and late varieties. First sowings are usually made between June 10th and July 10th and selection of varieties according to locality and climatic conditions.

The soil for growing snapdragons should be porous and well drained. Raised benches are preferable to ground beds and especially for winter crop. High nutrition, especially nitrogen, and high moisture combined during the dark days should be avoided as the results will be soft growth and off-colored shattery flowers

For after "Mums" and spring crop, when later and stronger growing varieties are planted, ground beds may be used to better advantage for with the lengthening days and higher temperatures come better growing conditions. Early varieties usually are planted 7x8 in. and later and heavier sorts 8x8 in.

The Early Whites include the new **Junglewood White** originated by the Junglewood Greenhouses of Mount Morrison, Colorado and is illustrated in color on the cover of this list **with single floret shown in natural size.** At its debut at a meeting of the New York Florist Club last winter it was awarded a silver medal. Sample blooms sent us early in January had clear white flower spikes measuring 20 to 22 inches on heavy stiff stems.

Koester's White and **White Wonder Improved** are the earliest pure whites, the latter being slightly heavier. **Margaret** is an ivory white of fine spike, having same type growth as Mary Ellen pink but with closer set florets. **Feist's White** is a clear white, a true sport of Cheviot Maid pink and should find favor with ones who grow the latter. Next in earliness is **Schlegel's White,** followed by **Peace,** a pure paper white, larger than **White Wonder** with close set florets. **Lucky Strike,** the old favorite, is still grown by many for early, midseason and late but being heavier in growth it does not produce as much in winter. **Lucky Strike Improved** is not as heavy but slightly earlier and a decided improvement. **Early Westover's White** is an early selection of this late sort. **Marion White, Schaffroth White,** are fine for after "Mums" or spring blooming.

In the early Pinks, **Christmas Cheer** is unquestionably the finest rose pink. **Better Times** is a beautiful deep rose. **Mary Ellen** and **Maryland Pink** are two fine pastel pinks, the latter having a slightly closer set spike. These four are all first-cross hybrids from known parentage, excellent early varieties and croppers. **Yoders No. 33** is a fine early light pink of Mary Ellen type. Rose Pink Cheviot is superseded by Christmas Cheer.

In the next, or intermediate type, the most popular are **Cheviot Maid Reselected, Rose Queen** and **Gilbert Pink Supreme. Cheviot Supreme Appleblossom, La France** and **Daybreak** fit in here. This group can be planted for winter flowering but the early sorts are more productive in our latitude during dark winter days.

For after "Mums" **Peggy Schumann** is a fine salmon rose with heavy stems and fine spikes. **Schaffroth Pink** is another. **Marie Louise** and **St. Louis** are fine light pinks. **America, Terry's Surprise** and **New Cincinnati** fit in here.

The new Canadian variety **Delworth's Supreme,** a selection of Cheviot Maid comes well recommended.

In the Bronzes, the earliest are **Sunlight** and **Sun Tan,** the first being a little lighter in color. **Afterglow,** which is slightly later, is the most popular having a heavier spike and deeper coloring. **Bronze Christmas Cheer,** not as early as its name would imply, later and of heavier growth and spike, as is **Talisman,** the nearest all-double, is an early bloomer and retail novelty. For after "Mums" and spring are **Glorious,** a dark **Afterglow,** and **Kirkwood Beauty. Ideal Improved,** with its contrasting white throat, comes in this group.

In the Yellows, the earliest are **Ceylon Court Dark Selection, Yellow Wonder,** which does not make any too large a spike, and **Goldie** which resembles a shorter Ceylon Court. **Schlegel's Yellow** not as dark in color, comes next in blooming, followed by **Ethel** the most popular yellow on the market for winter and spring. **Carol Jean** is in season with Ethel, larger flower and a shade lighter, but is coming more in demand. To follow "Mums" for spring flowering are **Yellow Peggy,** another Schumann introduction, with good stem and spike and **Coates' Yellow Perfection, Klondyke Supreme,** and **Sunray** in the lilac or lavender, **Windmiller Lilac** is the earliest. **Bertha Baur, Ball** and **Schumann Lavender** are later and to be planted only after "Mums" as probably all in this class should. **Schumann Lavender** is by far the most popular for stem and spike.

Velvet Supreme is taller and later and supersedes Christmas Red for after "Mums."

Due to greatly increased costs we regret that we cannot make group prices or quantity discounts on Snapdragons.

Varieties preceded by a star (*) are best for early winter flowering.

Varieties followed by (X) are sold in ½ trade pkts. at 60c each.

BRONZE SHADES

	Trade pkt.
Afterglow. Golden bronze Spring flowering X	$1.00
Bronze Christmas Cheer (Schlegel). A bright copper hood with lower part shading from deep gold to apricot. Well placed 1¾ to 2 inch individual florets. No grassy growth.	2.00
Glorious (Frank). A highly attractive reddish copper with yellow lip. An entirely new color. Popular in Chicago retail trade. Early flowering, none better or quicker on a comeback after first crop is off	1.00
Ideal Improved (Hodaly). A blend of carmine rose shading into rich orange, tipped with lemon-yellow. Lips golden yellow, slightly suffused with carmine, white throat. Winter-flowering strain, blooming in four months from seed	1.50
Kirkwood Beauty. Bronze with a cast of gold—a striking color. Rather tall grower	1.00
Miss Wooster. The color is a dazzling rich dark bronze. It is an ideal shipping variety	1.00
***Sunlight.** Improved Suntan, finest early golden bronze X	1.00
***Suntan.** Rose shade of tan with tinge of yellow on lip. Early blooming X	1.00
Talisman (Windmiller). Improved strain, all double, all bronze, true to type and color, early and continuous, a fancy flower for retail trade. Excellent for combination	2.00

PINK AND ROSE SHADES

	Trade pkt.
America (Hodaly). Brilliant rose pink with orange lip, blending into pure lemon. The flower heads are sixteen to twenty-five inches long, carrying well set, large florets; medium foliage	$1.50
Ball's Early Pink. Rose pink similar to Radiance	1.00
***Better Times** (Windmiller). A real American Beauty Rose red. It is a first cross like Christmas Cheer but a deeper color. Excellent for Christmas and Valentine's Day	2.00
Cheviot Maid. Reselected (West Hill's). Deep rose-pink X.	1.00
***Cheviot Supreme Appleblossom** (Windmiller). In color it resembles Verbena Mayflower. In late spring the color deepens to salmon-rose. Best in February. Does not shatter.	1.00
***Christmas Cheer** (Windmiller). Conceded the best early pink. Fine spike, excellent for Christmas and comes back for second and third crops. ½ Trade Pkt. $1.75	3.00
Daybreak. Strong, vigorous pink. Same shade as the Rose Briarcliffe. Heavy winter producer X	1.00
Delworth's Supreme. A Canadian introduction by the well known grower Cecil Delworth. It is a selection of Cheviot Maid made for a period of ten years for earliness and uniformity. Single plant slections every year keep the strain consistent	1.50

VAUGHAN'S SEED STORE gives no warranty, express or implied, as to the productiveness of any seed, bulbs or plants it sells; nor does it warrant fertilizers other than in respect to data required of the seller by statutes. It is expressly agreed that the limit of liability for all claims for loss or damages due to any cause shall be in a sum no greater than the invoice price of the goods and in no case shall it be responsible for loss or damage to the crop.

This List Cancels All Previous Offers

Cash Discounts on Flower Seeds: On all orders for flower seeds, except Cyclamen seed which is net, totaling less than $25.00 5%, and over $25.00; 8% may be deducted if cash is enclosed.

"SNAPS" For Greenhouse Forcing—Continued

PINK AND ROSE SHADES—Continued

Trade pkt.

Dorcas Jane (Yoder). Light pink slightly larger flower than Mary Ellen and shade deeper and a little earlier With a clean habit of growth and outstanding vigor. On display at the Ohio State University Short Course in January 1945 Dorcas Jane received very favorable comment from growers and salesmen..... $1.50

***Gilbert's Pink Queen Supreme.** This is several shades deeper than Cheviot Maid Supreme and is particularly noted for the fact it produces perfect flower-heads..... 1.50

La France (Windmiller). True strain, single plant selection, 100% true to type and color, ruffled satiny pink, excellent spikes and stem..... 1.50

Marie Louise. Beautiful sea-shell pink. Strong and free-branching, producing long strong stems with compact flower spikes, with flowers closely set..... 2.00

***Mary Ellen** (Yoder) is a light rose pink, blooming freely and evenly in winter. It is characterized by a stiff stem with very little side growth and a long head with medium sized, evenly spaced florets..... 2.00

***Maryland Pink** (Winkler). Early, light pastel pink. Large flowers..... ½ trade pkt., $1.75 3.00

New Cincinnati (Witterstaetter). The finest light rose X.. 1.00

Peggy Schumann Pink. A large close-flowering spike on a strong, sturdy stem; will not shatter and produces no blind shoots..... 2.00

Radiance. Early rose pink..... 1.00

***Rose-Pink Cheviot Supreme.** Early, hard, wiry stems, small foliage, excellent keeper and shipper, intense color. Best in January..... 1.00

Rose Queen. Dark pink X..... 1.00

Schaffroth's Pink. A beautiful soft rose pink. Early flowering. Also may be grown as a second crop which will be in fine flower for Mothers' Day. Fine spikes, is a clean grower, wonderful keeper and the flowers rarely drop..... 1.50

St. Louis Pink (Rowe). Beautiful shade of silvery pink, the well placed flowers being produced on wiry stiff stems. Flower spikes being 10 to 12 inches in length and the flowers do not shatter. Sow early. Spring bloomer..... 1.50

Terry's Surprise, Improved. Pink and bronze shades, late.. 1.00

Yoder's No. 33. One of the parents of Mary Ellen is uniform light pink, slightly deeper than Mary Ellen but with the same long stems and early flowering habit..... 1.50

RED

Velvet Supreme. A rich velvety scarlet crimson..... 1.50

LAVENDER

Ball's Lavender. A rich lilac lavender, fine spike and long stemmed..... 1.50

Bertha Baur. Standard lavender..... 1.00

Schumann's Lavender. A true color, heaviest spike and unquestionably the leader..... 2.00

***Windmiller's Lilac.** Excellent orchid, true to type and color, early, hardy wiry stems, small foliage, productive. Earliest in this color..... 1.50

WHITE

Feist's White (West Hills). A true sport of Cheviot Maid. Clear white with a touch of yellow on the lip. Spacing excellent..... 2.00

Junglewood White (Junglewood Greenhouses). Its perfection is expressed not only in its sheer beauty, but in its dazzling whiteness; deep green foliage; tall, sturdy, whiplike stems; long spikes of closely set florets; absence of side growth; a shatterprof quality, which permits an unusual number of flowers to be open before cutting. This Snap may be flowered as early as November, but attains the height of its perfection in January and February. See illustration on cover..... 2.00

***Koester's White.** It is earlier and a stronger grower than White Wonder and just as pure white and clean a grower and more substantial spike of slightly ruffled flowers..... 1.50

***Lucky Strike.** Well known pure white, grows three to four feet with full spike of flowers; does not drop or shatter X... 1.00

WHITE—Continued

Trade pkt.

***Lucky Strike Improved.** Earlier than the original..... $1.50

Margaret (Yoder) is a winterblooming ivory white, whiter than the old Lucky Strike but not as white as White Wonder. The stem is exceptionally stiff and there is almost no sidegrowth. The florets are of medium size set more closely on the spike than Mary Ellen but the spike has the same general form as Mary Ellen. It is earlier than Mary Ellen. The florets last a long time and do not shed..... 2.00

Marion White (Schumann). A real white, large close flowering spike on a strong, sturdy stem, throwing small foliage.. 1.50

Peace (Ball). Large closely set florets of the pure white on long, wiry stems. The unusually rich dark green foliage contrasts vividly with the snowy whiteness of its flowers. It is fairly early-flowering and entirely free of grassy side growth... 1.50

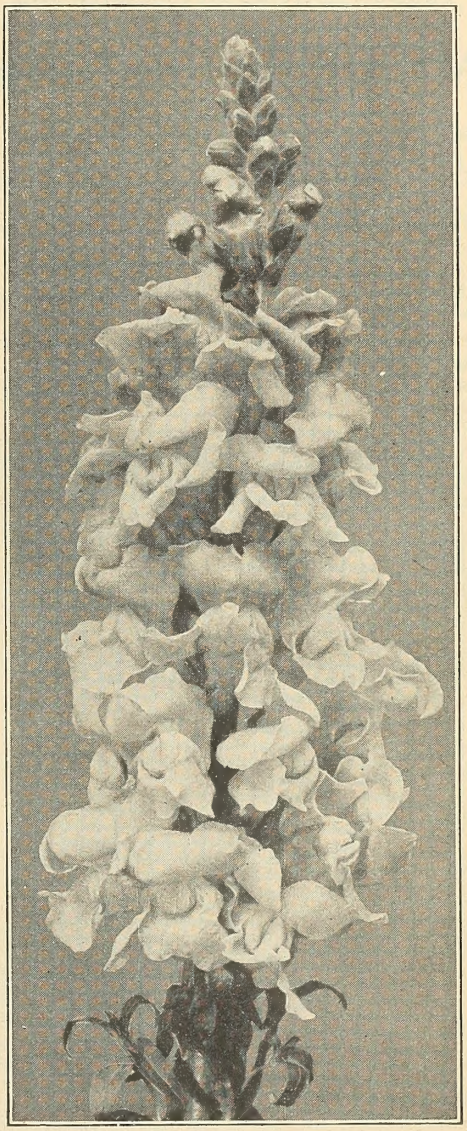
Schaffroth's White. Pure white. Midwinter blooming from July sowing. Produces 12 to 14 spikes per plant within a cropping period of four to five weeks..... 1.50

Schlegel's White. Early and vigorous grower for early and late planting..... 1.50

Westover's Fringed Early White (Windmiller). An early development of Westover's Fringed White—an ideal wedding bouquet white—good early or late..... 1.50

Westover's Fringed White. A great favorite in the East. Sow for late crop X..... 1.00

White Wonder, Improved. Longer and better stems with flowers well placed—keeping the pure white color of original. 1.50



CHRISTMAS CHEER

BEGONIA SEMPERFLORENS MASTERPIECE

"SNAPS" For Greenhouse Forcing—Cont'd

YELLOW

Trade pkt.

Carol Jean (Dornacher). A shade lighter than Ethel. Has no wild growth whatever. Will not shatter..... $2.00

***Ceylon Court. Dark Selection.** Canary yellow. Our introduction X..... 1.00

Coate's Yellow Perfection. Deep golden yellow. Spring flowering X..... 1.00

***Ethel.** Is a large, bright yellow flower, winter bloomer, well formed head, good stems, easy to grow and shatterproof. 1.50

Goldie (Windmiller). Deep early yellow..... 2.00

Klondyke Supreme. Deep intense golden yellow with extra large individual florets..... 1.00

Schlegel's Yellow. Early and vigorous grower for early and late flowering..... 1.50

Sunray. Large well placed yellow flowers on strong stems, a good shipper, has no grassy growth..... 1.50

Yellow Peggy Schumann. Has all the characteristics of Pink Peggy. Earlier and far superior to the old Schumann Yellow..... 2.00

***Yellow Wonder** Early and free flowering. Has a good stiff stem, a fine commercial variety..... 1.50

Greenhouse Varieties Mixed. With pinks predominating.. .75

Begonias—Fibrous-Rooted

These Begonias make excellent spring flowering plants in small pots or for combination use.

Pink Pearl. This variety is not available this year. We suggest **Adeline** as substitute.

Red Pearl. As this variety is not available this year, we recommend **King of the Reds** instead.

Gracilis Adeline (Improved Darling). Very dwarfest habit; bright pink flowers and green foliage, very attractive. Same color and dwarf habit as Pink Pearl..... 1.00

Carmen. Bright rose flowers, bronze foliage..1/64 oz., $2.50 1.00

Dwarf Luminosa. Sold out, suggest **King of the Reds.**

Fireball. Fiery crimson. 10 in.....1/64 oz., $1.75 1.00

Illusion. Is a masterpiece among the Begonias. Flowers attractive rose with a white blotch on every petal. Early flowering. Does well in sun or shade. Foliage is true Begonia green. 10 to 12 in.....1/64 oz., $2.00 1.00

Indian Maid. 10 in. Bright deep scarlet buds and flowers with deep lustrous bronze foliage.....1/64 oz., $2.50 1.00

Luminosa. Deep dark scarlet foliage reddish brown. 10 in. .....1/64 oz., $2.50 1.00

BEGONIAS Gracilis—Continued

Trade pkt.

Prima Donna. Limpid rose, shading to carmine, most beautiful. 10 to 12 in.....1/64 oz., $2.50; 1/32 oz., $4.50 $1.00

White Pearl. White. 10 in..... 1.00

Christmas Cheer Red. A very large-flowered variety, color dark crimson-scarlet.....1/64 oz., $2.00; 1/32 oz., $3.50 1.00

Christmas Pink. Identical to above variety only the color is a delightful shade of warm rose-pink,..... .....1/64 oz., $2.00; 1/32 oz., $3.50 1.00

Semperflorens Elegance. The plant is of bushy habit, medium tall and most free flowering. The individual flowers are large, pink with white center, foliage clear green .....1/64 oz., $2.50 1.00

Enchantress. Fresh rose color.....1/64 oz., $2.50 1.00

Fire Sea. (Blaze of Fire). Fiery red flowers, green foliage. 8 in.....1/64 oz., $2.25 1.00

Ile de France. The best white. The foliage is light green. The flowers are 1¼ in. to 1½ in., pure white, with bright yellow stamens. They grow in compact form not to exceed 12 in. in height and approximately the same width. Fine for Easter and Mother's Day..... .....1/64 oz., $2.25; 1/32 oz., $4.00 1.00

Kaethe Teicher. The flowers are 2½ in. across. The plants about 10 in. high. The strong dark green foliage forms an effective foil to the pure carmine of the flowers..... ..... 1.00

King of the Reds. Very dwarf, glowing scarlet, foliage, green edged bronze. Same color and habit of Red Pearl .....1/64 oz., $2.50; 1/32 oz., $4.50 1.00

Masterpiece. One of the largest flowered fibrous rooted Begonias, and the clear rose-pink blossoms have made it a great favorite. The flowers fairly cover the foliage..... .....1/64 oz., $2.20; 1/32 oz., $4.00 1.00

Rose Queen. Abundant carmine rose flowers, like Glore de Lorraine, splendid plant for pots..... 1.00

Salmon Queen. Large salmon red flowers; dark leaved.. 1.00

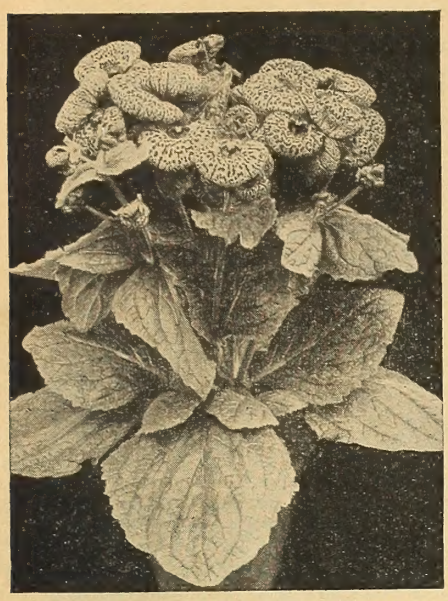
Scandinavia Pink. An outstanding large-flowered pink variety for pots. Plants are of good branching habit with dark green foliage. Excellent for winter flowering .....1/64 oz., $2.75 1.00

Snow. Pure white blossoms; green foliage..... .....1/64 oz., $2.00; 1/32 oz., $3.50 1.00

Special Mixture for pots and bedding begonias..... .....1/64 oz., $1.50; 1/32 oz., $2.50 1.00

BROWALLIA Viscosa Compacta Sapphire. Dark blue, white eye, dwarf compact plant for pots and bedding..... .....1/16 oz., $1.00; 1/8 oz., $1.80 .35

CALENDULA VAUGHAN'S IMPROVED SENSATION

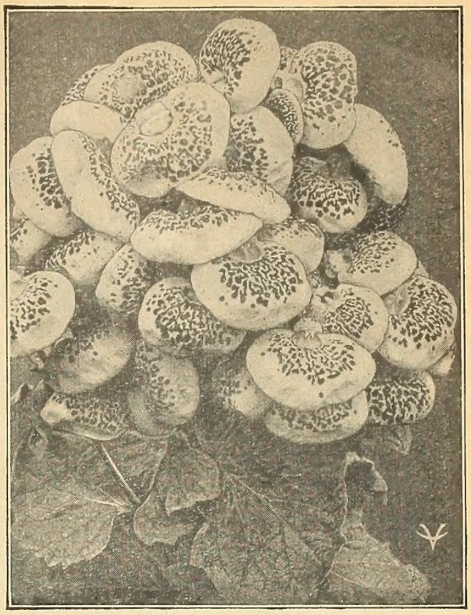


CALCEOLARIA Hybrida Grand. Triumph

Vaughan's Calceolaria

These Make Wonderful Plants for Easter or Mother's Day

For Calceolarias, use a mixture of loam, leaf-mold and sharp sand. This mixture is suitable both for the seed pans and the pots into which the seedlings, when ready, should be planted. Perfect drainage is important. Calceolaria seed being very fine the seeding should be done with great care and it is suggested that one use a sheet of white paper on which a tablespoon of white sand is distributed. Then shake the seed on top of this sand and mix thoroughly. Then, sprinkle this mixture on the soil of the seed pan, dusting surface with a little fine sand, cover with a sheet of glass and place in the shade. For moisture, immerse the pans in water. As the seedlings come up lift them carefully when quite small and prick them off into a flat allowing two inches square for each plant. It is important that the leaves of one plant should never be allowed to overlap those of another or decay will probably result. When established in pots shift them into the larger size. At the last shift give them some manure water, not too strong, about once a week.



CALCEOLARIA Grandiflora Extra Choice Mixed

Calceolaria Hybrida

	Trade pkt.
Hybrida Grandiflora Triumph Strain. A truly outstanding strain. Bright shades of yellow, orange, red and rose; the flowers are large and mostly tigered or spotted. This strain produces bushy, shapely plants with clean foliage... 1/128 oz., $2.25; 1/64 oz., $4.00	$1.25
Hybrida Grandiflora Mixed. Extra Choice. Our mixture is composed of the choicest selections of the tigered, marbled, spotted and variegated varieties... 1/32 oz., $4.40; 1/64 oz., $2.40	1.00
Hybrida Multiflora Nana. Mixed. The average size of the blooms is only 1½ inch, but the amount of flowers produced is unsurpassed. The color scheme is extraordinarily gay and full of contrast. Pinch out center to make well shaped busy stock... 1/128 oz., $2.00; 1/64 oz., $3.80	1.00
Gilbert's Strain. A selection made by a grower in our mid-west of the Multiflora Nana type. Bright colors...	1.00
Albert Kent Hybrids. A very lovely variety. The flowers are intermediate in size and produced in large graceful clusters in delicate shades...	1.00
Grandiflora, "Flower Cloud." The most free blooming Calceolaria, in all colors. Of a very vigorous growth and resistant against weather influences. Small flowers in shades of yellow, orange and bronze...	1.50

Calendula

FORCING VARIETIES

	Trade pkt.	Oz.
Sensation, Vaughan's Improved (Campfire). Long stems; very double, brilliant orange flowers. The blooms are very flat in shape.. 2 oz., $3.50; ¼ oz., 60c	$0.40	$2.00
Ball Apricot. Light straw or buff color with dark center... 2 oz., $3.50; ¼ oz., 60c	.40	2.00
Ball Gold. Has the same long stem and extra large, uniformly double flowers that are so well known in our Ball Orange Improved.... ¼ oz., 60; 2 oz., $3.50	.40	2.00
Ball Lemon Queen... ¼ oz., 60; 2 oz., $3.50	.40	2.00
Ball Improved Long Orange. Attractive bright golden orange with light eye; a clearer lighter color than the regular Long Orange.. ¼ oz., 60; 2 oz., $3.50	.40	2.00
Ball Long Orange. Long-stemmed, light center, clear orange... ¼ oz., 60; 2 oz., $3.50	.40	2.00
Ball Orange Improved. Rich orange, light center. Petals slightly notched... ¼ oz., 60; 2 oz., $3.50	.40	2.00
Ball Masterpiece. Extra long-stemmed, deep orange-brown center... ¼ oz., 60; 2 oz., $3.50	.4.	2.00
Ball White (Moonlight). A beautiful soft cream yellow... ¼ oz., 60c	.40	2.00
Vaughan's Special Mixture for greenhouse forcing. ... ¼ oz., 50	.35	1.50

Successive plantings give flowers all summer. May be sown late in Fall in Tulip beds.

Candytuft

	Trade Pkt.	Oz.
Giant Hyacinth-Flowered Pure White Select. This is a superior strain; it grows about 1½ feet high, with enormous trusses of blooms. The best strain in existence for florists' use.... 4 oz., $2.60; lb., $8.00	$0.20	$0.80

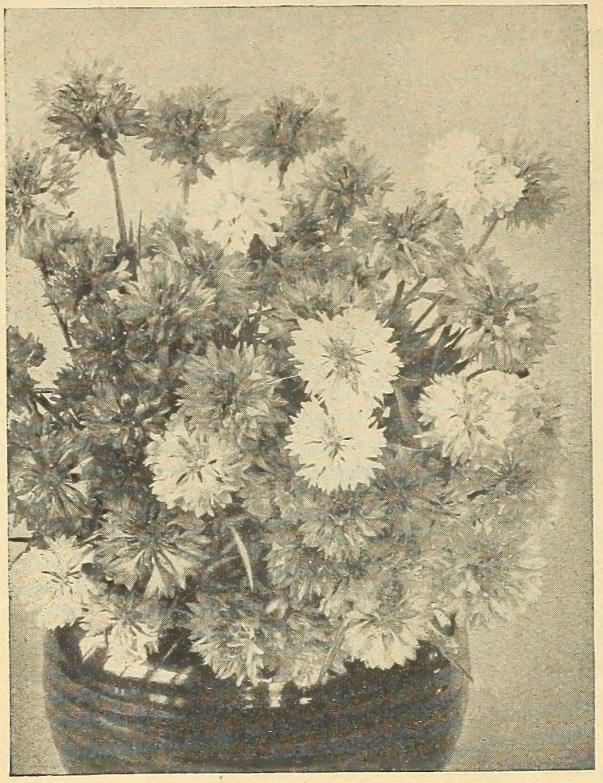
Candytuft Umbellata 12 in.

Alba. White.
Carminea Trade pkt. and ounce only.
Flesh-Pink.
Lilacina. Lilac.
Purpurea. Crimson.
Rose Cardinal. Rose-pink.
Vaughan's Special Mixed.

Each of above... Trade pkt., 15c; oz., 50c; lb., $4.80

For Candytuft Gibraltalica Sempervirens, see Perennial Pages.

CANDYTUFT Giant Hyacinth-Flowered White



CENTAUREA Cyanus Super Giant Double Mixture

Centaurea

SUPER GIANT CENTAUREA CYANUS (Cornflower)

The flowers of these strains are large, fully double and colors intensified. Long stems for cutting.

May be sown out of doors just before freezing for early spring blooming.

Black Boy. Blackish maroon.
Blue Boy. Rich deep blue, very large flowers.
Pinkie. Deep pink.
Red Boy. Deep red.
Snowman. Best white.
Vaughan's Mixture of Super Giant New Varieties Mixed.

Each of above, Trade pkt., 15c; oz., 45c; 4 oz., $1.45; lb., $4.50

Chinese Forget-Me-Not

		Tr. pkt.	Oz.
Cynoglossum Amabile, Blue Bird. A lovely plant 18 to 24 inches tall, with bright blue flowers. Makes wonderful cut flower material	¼ oz., 30c	$0.15	$1.00
Amabile. Pink	¼ oz., 30c	.15	1 00
Fairy Blue. Attractive deep Cambridge or azure blue	¼ oz., 25c	.15	.80
Firmament. A compact variety of bushy, growth, 15 to 18 inches tall. Smothered with rich dark blue flowers	¼ oz., 30c	.15	1.00

Clarkia Elegans Fl. Pl.—2 ft.

This is now much planted for cutting, both in and outdoors. If grown indoors, plants must be starved. Grow on in flats or shallow raised bench.

Albatross. Pure white.
Purple Prince. Rich purple.
Rosy Morn. Beautiful rose color, very double.
Salmonea Perfecta. True salmon, extra double.
Scarlet Queen.
Vaughan's Special Mixture.

Each of above. Trade pkt., 15c; ¼ oz., 30c; oz., $1.00.

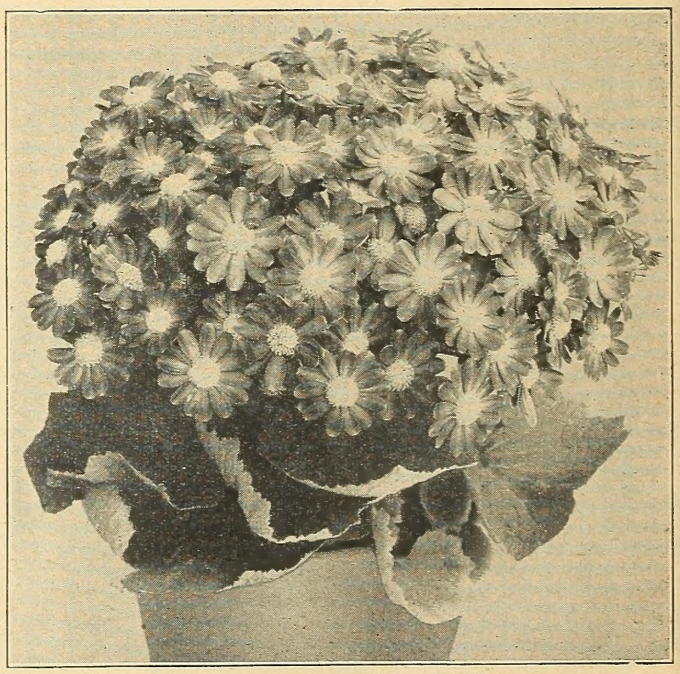
Cineraria Hybrida

		Trade pkt.
Vaughan's Special Mixture of Cremer's, Gold Center and Siter's	1/32 oz., $3.75; 1/64 oz., $2.00	$1.00
Vaughan's Columbian Mixture. Contains the best large flowering types and colors as well as Cremer's, Potsdam, Siter's and Gold Center strains and cannot be excelled in variety of colors, size, shape and substance of flowers and perfect habit of plant	1/64 oz., $1.75; 1/32 oz., $3.00; 1/16 oz., $5.50; 1000 seeds	1.00
Cremer's Prize Mixture. Re-selected. Somewhat taller and larger flowered than Multiflora Nana.	1/64 oz., $2.20; 1/32 oz., $4.00; 1/16 oz., $7.50	1.50
Cremer's Improved Prize Strain. Originator's Packet		1.50
Howard and Smith's Strain. Mixed. A very fine large flowered selection from a California specialist	1/64 oz., $2.50	1.00
Multiflora Nana. Mixed all colors.	1/64 oz., $1.60; 1/32 oz., $2.80	1.00
Potsdam Strain. Mixed. (Berlin Market or Weissensee. American grown seed. The plants are taller and flowers larger than Cremer's	1/64 oz., $1.75; 1/32 oz., $3.00	1.00
Siter's Rainbow Strain. Mixed. Immense flower heads of medium large round petaled flowers ranging from bright eyed types to finer pastel shades. Compact growth with small leaves. Earlier than Cremer's.	1/32 oz., $4.50; 1/64 oz., $2.50	2.00
Siter's Rainbow Mixture. Originators strain		2.00
Star Cineraria (Cineraria Hybrida Polyantha). **Feltham Beauty.** Fine small flowering variety for cutting and decorating purposes nearly all have white centers	1000 seeds	.75

CINERARIA "GOLD CENTER"
OF THE MULTIFLORA NANA TYPE

This new strain is distinguished by the golden yellow stamens —in the type they are dark. The flowers are produced in great profusion, are of the same size and color range as the Multiflora Nana. The golden yellow stamens make a wonderful contrast with the blues, reds and pinks of the flowers.

1/64 oz. $2.00, 500 seeds, 60c; 1000 seeds, $1.00



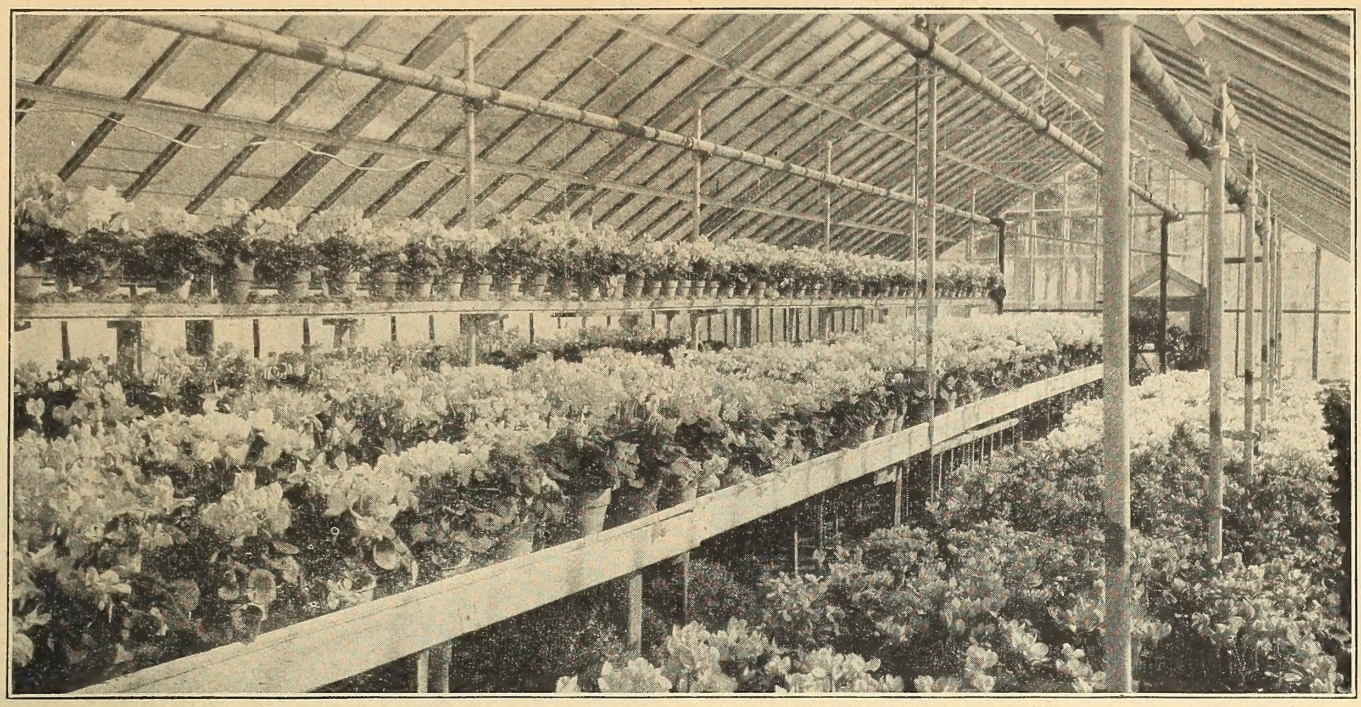
CINERARIA Multiflora Nana Gold Center

Didiscus Coeruleus

Vaughan's Improved Wilt-Resistant Blue Lace Flower

An improved variety with flowers of a deeper blue and half again as large as the original type. Strong heavy stems, many measuring 18 inches from first joint, with well shaped flowers measuring 2½ to 3½ inches in diameter. Plant in spots to follow "mums" or sow direct in beds, thinning to about 6 in. in rows a foot apart, does not transplant well. Not over Carnation temperature needed.

Trade pkt., 50c; ⅛ oz., $1.00; ¼ oz., $1.75; oz., $6.00.



HOUSE OF CYCLAMEN PLANTS GROWN FOR SEED FOR VAUGHAN'S SEED STORE

Cyclamen—Persicum Giganteum

☛ **Our Cyclamen seed has been grown by experienced American growers who have specialized in this item for years.**

Cyclamen prices are net. 250 seeds of one variety at 1000 rate, less than 250 seeds of one variety at 100 rate.

	100 seeds	1000 seeds
Bonfire. Brilliant salmon	$2.25	$20.00
Bright Red	1.75	16.00
Dark Blood Red	1.75	16.00
Lavender	1.75	16.00
Morning Red (Sunrise). Light salmon, dark eye.	2.20	18.00
Mozart. Deep pink	1.75	16.00
New Ruffled, Mixed	2.30	21.00
Orange Beauty. Orange vermilion	2.30	21.00
Pink Pearl. Salmon-pink	2.30	....
Pure Rose	1.75	16.00
Pure White	1.75	16.00
Rokoko Mixed. Large fringed flowers	2.40	20.00
Saffron Red	2.20	18.00
Saffron Red Silver Edge	2.40	....
Salmon Scarlet (America Improved)	2.30	21.00
Salmon-Rose Improved	2.25	20.00
Salmon Dark (Glory of Wandsbek or Pearl of Zehlendorf)	2.20	18.00
Salmon Light (Rose of Zehlendorf)	2.20	18.00
Soft Rose with Carmine Eye (Improved Rosa von Marienthal)	1.75	16.00
White with Carmine Eye	1.75	16.00
Vaughan's Florist Mixture	1.75	15.00

Double Cyclamen

This strain comes about 80% true from seed.

Admiration. A beautiful salmon-rose with shaded eye.

Cerise Brilliant. A good Christmas red.

Prosperity. An azalea type, flaming rose color.

Rosea. A soft rose with a coral cast, shading lighter at petal tips.

Double Mixed. The four above.

Each of the above, 100 seeds, $3.50; 250 seeds, $7.00; 500 seeds, $13.00.

Easter 1946 is April 21st.

Cyclamen flowers keep well when cut, if you make an incision lengthwise into the lower part of the stem with a sharp knife and put flower stems immediately into water.

	Trade pkt.	Oz.
DRACAENA Indivisa. Narrow green leaves. lb., $5.00	$0.15	$0.50

FREESIAS Golden Daffodil

Freesias

Sow seed in cold frame in early summer, covering with sash for about three weeks or until plants are up, gradually removing sash so plants become accustomed to air. The bulbs can be lifted by the middle of September. They will bloom during the late winter with nice large blooms and long stems. 1 oz., contains about 1000 seeds.

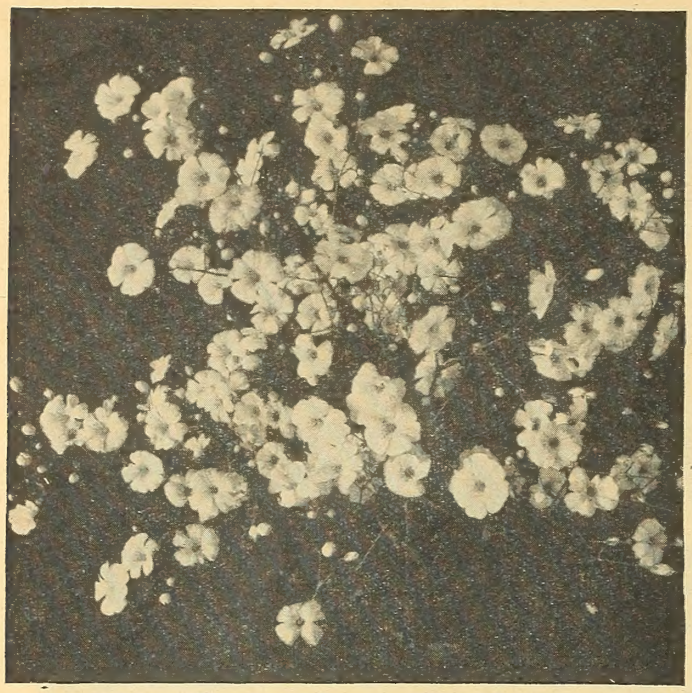
Freesia Refracta Alba Pura. Pure white. Trade pkt., 50c; ¼ oz., $1.25; oz., $4.00.

Hybrida Dalrymple Special Strain. Large sweet-scented flowers borne on long stems, in blue, lavender and many shades of yellow. The best strain available. 100 seeds, $1.00, 1000 seeds, $8.00.

Rainbow hybrids. Colored varieties. Trade pkt., 35c; ¼ oz., 80c; oz., $3.00.

Golden Daffodil. Clear light yellow with orange blotch. Trade pkt 50c; ¼ oz., $1.25; oz., $4.00.

JACARANDA Mimosaefolia. Mimosa leaved. Foliage as finely cut as a fern. Plants symmetrical and elegant in shape. Useful for combinations or as a pot plant..... 100 seeds, 50c; 1,000 seeds, 3.50 ....

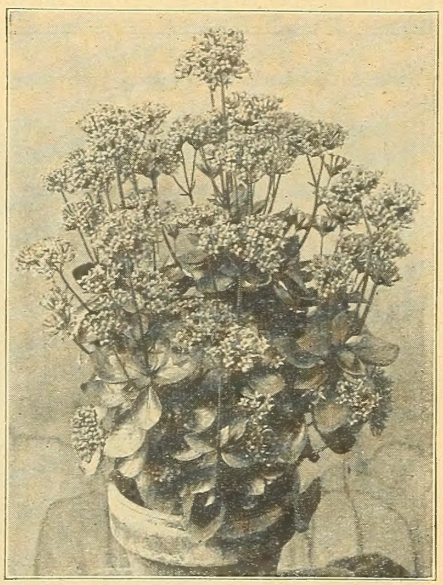


GYPSOPHILA Elegans Grand. Alba. London Market

	Trade pkt.	oz.
GYPSOPHILA. Elegans Grandiflora Alba, London Market. Special Florist Strain. ¼lb., 75c; lb., $2.25	....	$0.25
Carminea. Deep rose.....¼ oz., 45c	$0.15	1.40
Crimson.....¼ oz., 35c	.15	1.00

KALANCHOE Globulifera. Var. Coccinea (Blossfeldiana). 12 inches. Bright scarlet flowers. Very choice pot plant. 1/64 oz., $1.80; trade pkt., (1,500 seeds), 60c.

Gold Hybrids. It contains all shades from yellow to orange. The flowers last as long as those of type but twice as large and are borne in clusters on stiff stems. It is advisable to pot them when the third leaf pair has reached sufficient size. The soil should not be too rich. Trade pkt., $1.25.



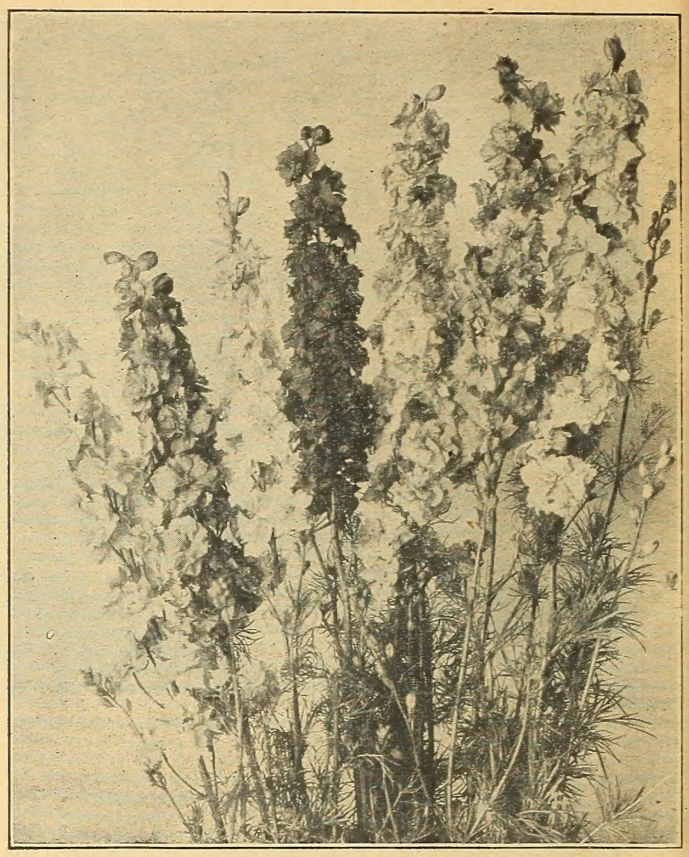
KALANCHOE

	Trade pkt.	Oz.
Tom Thumb. A dwarf variation of the popular K. Blossfeldiana, with the same color. The general habit is more dwarf and the very short-flowering stems form just beyond the foliage and the flowers actually envelope the entire plant. 1/64 oz., $5.00; .....1,000 seeds,	$1.25	....
LEUCOCORYNE Ixioides (Glory of the Sun). Large, fragrant flowers, blue with white centers, charming for cutting.....⅛ oz., $1.50,	.75	....

Mignonette

Growers interested in heavy spikes of Mignonette around Christmas, should sow seed in pots in late August. Mignonette likes a rich soil, a temperature of 45, or a little lower and a sunny bench. Disbudding and support are necessary.

	Trade pkt.	Oz.
New York Market.....	$0.50	.....
True Machet. Vaughan's Selected Stock. ¼ oz., 30c	.15	$1.00



ANNUAL LARKSPUR GIANT IMPERIAL

Annual Larkspur

To get satisfactory germination from Larkspurs in the hot weather, it is necessary to chill the seeds in an ice box for several days before sowing. Can also be sown outdoors just before freezing for early spring flowering.

GIANT DOUBLE IMPERIAL—4 ft.

This type is the most desirable for outdoor growing. An annual Larkspur of upright growth, branching from the base of plant, producing more and longer flower stems for cutting:

Blue Bell. Fine medium blue.

Blue Cockade. Rich lilac blue.

Blue Spire. Dark blue.

Carmine King. Carmine rose

Coral King. Blush pink with a suffusion of coral.

Daintiness. Delicate lavender.

Dazzler. Rich scarlet.

Exquisite Pink Improved. Salmon-pink.

Gloria Improved. Rich deep rose-salmon.

Lilac King. Rich lilac

Lilac Spire. Beautiful lilac color.

Los Angeles Improved. Salmony scarlet.

Miss California. Deep pink on salmon.

Montrose. Clear rose pink.

Pink Perfection. Lively light pink, large double florets, excellent upright habit.

White King. Glistening pure white.

Each of the above, Trade pkt., 25c; ¼ oz., 40c; oz., $1.10; lb., $11.00.

Giant Imperial Vaughan's Special Mixed. All colors. Trade pkt., 25c; ¼ oz., 40c; oz., $1.10; lb., $11.00.

STOCK-FLOWERED—4 ft.

Ageratum Blue. Sky Blue.

Dark Blue.

Lilac Supreme. Deep lilac.

Rosamond. Pure rose.

Rose Queen. Deep rose-pink without salmon shading.

Salmon Rose.

White.

Each of the above. Trade pkt., 25c; oz., 90c; lb., $9.60.

Vaughan's Special Mixed Stock Flowered, Trade pkt., 25; oz., 90c; lb., $9.60.

ALL DOUBLE MARIGOLD

ANNUAL LARKSPUR—Continued

SUPER MAJESTIC—5 Ft.

Long tapering laterals branch from base of each plant and grow close to main stem, vigorous growth and abundance of flowers—5 ft.

Lavender. **Rose Pink.** **White.**

Each of above. Trade pkt., 35c; ¼ oz., 50c; 1 oz., $1.50; lb. $15.00.

IMPROVED GIANT HYACINTH-FLOWERED—45 in

Blooms much earlier than other tall Larkspurs. Non-branching, each plant produces one big Hyacinth-like spike, broad at the base and tapering toward the top, thickly studded with perfect double blooms to a length of 18 to 20 inches.

	Trade pkt.	Oz.
Dark Blue and Lilac.		
Each of the above.....lb., $16.00; ¼ oz., 50c	$0.30	$1.60
Mixed Improved Giant Hyacinth Fld...		
.....lb., $16.00; ¼ oz., 50c	.30	1.60

Lupinus

Free-flowering, easily grown annuals, with long, graceful spikes of rich and various colored pea-shaped flowers; valuable for cutting to follow "mums" or sweet peas as a "catch crop." Sow 3 or 4 seeds in a 3 or 4 in. pot. Keep in cold frame until late October or November. Transplant into a ground bed and grow slowly in cool temperature. Space 10x12 inches, water well after transplanting and then keep on dry side until plants are established.

Hartwegii. Dark Blue, Oxford-Blue. 24 in.

Light Blue. Cambridge-Blue.

Rose

White

Rose Queen. Rose-pink, semi-dwarf. Trade pkt. only.

	Trade pkt.	Oz.
Mixed.		
Each of the above, except as noted.....	$0.15	$0.60

LUPINUS—Continued

Hartwegii Giants or King Lupinus. This improved giant strain is over a foot taller than the ordinary strain, reaching a height of 3 or 4 feet. There are five or six long basal branched spikes to each plant, bearing closely placed giant blooms.

King Dark Blue **King White**
King Heliotrope **King Mixed**
King Sky Blue

	Trade pkt.	Oz.
Each of the above.....lb., $8.00	$0.20	$0.80

Marigold

For best results, seed should be sown from July up to December. Plant in any house that can be kept free from frost. No insect pests.

Tall African Double Fistulosa, 3 Ft.

An especially fine tall branching strain, bearing enormous flowers of the quilled type.

All Double Lemon. Trade pkt., 25c; ¼ oz., 50c; oz., $1.60.

All Double Orange. Trade pkt., 25c; ¼ oz., 50c; oz., $1.60.

Lemon Queen, Los Angeles Florist Strain. All double. Trade pkt., 25c; ¼ oz., 50c; oz., $1.80; 4 oz., $5.00.

Prince of Orange, Los Angeles Florist Strain. All double. Trade pkt., 25c; ¼ oz., 50c; oz., $1.80; 4 oz., $5.00.

Yellow Supreme. Rich creamy, broad loose-leaved petals of honey fragrance. Trade pkt., 25c; ¼ oz., 50c; oz., $1.60.

Guinea Gold. Semi-double type with long loose petals. Brilliant shade of orange flushed with gold. 2½ ft. Trade pkt., 25c; ¼ oz., 50c; oz., $1.60.

Lieb's Winter Flowering. Mahogany brown with golden yellow crested center. For a fine paying winter cutflower, especially in a retail growers establishment Lieb's varieties are highly recommended. Seeds can be sown from August to December. Space plants ten inches apart in bench in not too rich soil in Carnation house temperature. Trade pkt., 25c; ¼ oz., 60c; oz., $2.00.

Winter Harmony. It is of quilled scabious type. A single row of reddish brown guard petals encircling a golden orange quilled center, with mahogany brown dots on tip of each quilled petal. Flowers 2½ inches in diameter. Trade pkt., 25c; ¼ oz., 50c; oz., $1.65.

Nasturtium

Double Climbing Fragrant Varieties. Sow seed in late summer and give support early. Like cool nights and considerable water. Their bright flowers of spicy fragrance will come in handy during the winter months.

Tall Golden Gleam. Semi-double, yellow.

Indian Chief. Vivid scarlet flowers.

Scarlet Gleam. Bright orange-scarlet.

Glorious Gleam Hybrids. Wonderful range of color in double and semi-double flowers.

Each of the above: Oz. 25c; ¼ lb. 70c; lb. $2.40.

NASTURTIUM Double Glorious Gleam Hybrids

Vaughan's Long Stemmed Winter-Flowering Mixed Reselected. It has a wide color range and has an excellent stem length, averaging better than 10 in. The bloom size is from 2½ to 3 in. and the flowers are of very good substance and sweet scented. Sow in summer for Mid-winter bloomin and give support early. Trade pkt., $1.00; ⅛ oz., $2.50; ¼ oz., $4.80.

PANSIES

VAUGHAN'S IMPROVED SWISS GIANT MIXTURE

The flowers of this strain are of enormous size, 3 inches and over in diameter. They are perfectly round with overlapping petals, borne on strong stalks well above the remarkably luxuriant foliage. Thick petals, of a rich velvety texture, give this strain of pansy the required substance so necessary to a perfect pansy.

The superb colors and color combinations—are their distinctive feature. Excellent for greenhouse culture. Trade pkt., 75c; ⅛ oz., $1.30; ¼ oz., $2.25; oz., $8.00; 4 oz., $30.00.

VAUGHAN'S SUPER SWISS GIANT MIXTURE

One of our leaders and represents the choicest strain of this popular and profitable flower. Combining the finest selections of several Pansy specialists, the perfect blending is further insured by the addition of separate colors that do not generally appear in the average mixture. Trade pkt., 75c; ⅛ oz., $1.50; ¼ oz., $2.75; oz., $10.00; ¼ lb., $32.00.

VAUGHAN'S DWARF SUPER SWISS MIXED

Special selection of Geneva Giants of dwarf habit. This type, being shorter and more compact, is more suitable to plant sales. The color range is as good as that of the Improved Swiss. Trade pkt., 60c; ⅛ oz., $1.40; ¼ oz., $2.25; oz., $8.00.

VAUGHAN'S MAPLE LEAF GIANT MIXED

A distinct variety we introduced several years ago, having very large leaves and flowers of gigantic size, 4 to 5 inches across, perfectly round, of heavy substance in many attractive colors and color combinations. Trade pkt., 60c; ⅛ oz., $1.60; ¼ oz., $2.75; oz., $9.00.

VAUGHAN'S SUPER MAPLE LEAF MIXTURE
"CANADIAN GIANTS"

This strain is even finer than the preceding, with flowers of unbelievable size and texture, larger than in any other strain, the plants are also of compact growth and the extra large foliage is a rich, dark green. Trade pkt., 90c; ⅛ oz., $1.75; ¼ oz., $3.00; oz., $10.00.

VAUGHAN'S GIANT MIXTURE

Large flowers of good substance in a complete color range in light and dark shades. Probably the best general complete high grade mixture obtainable. Trade pkt., 50c; ¼ oz., $2.50; oz., $8.00; ¼ lb., $30.00.

GIANT SWISS SEPARATE SORTS

Swiss Berna. Dark violet-blue.

Swiss Blue (Ullswater. Thuner Sea). The most distinct rich deep ultramarine blue with darker blotches.

Swiss Coronation Gold. Flowers golden-yellow. Perfectly round flowers, slightly ruffled edges. This is the best pure yellow pansy.

Swiss Fire Beacon. Brick red.

Swiss Luna. Soft sulphur yellow, self without blotches, round substantial flower with frilled edge. A delicate and lovely color.

Swiss Pure White. The best pure white pansy.

Swiss Rasberry Rose. We hope to have seed later for fall sowing.

Swiss Rhinegold. Canary-yellow with dark blotches.

Each of the above: Trade pkt., 75c; ⅛ oz.,$1.80; ¼ oz., $3.00; oz., $10.00.

Swiss Alpenglow. Rich wine-red shades. Trade pkt., 75c; ⅛ oz., $1.80; ¼ oz., $3.40; oz., $12.00.

Delft Blue. Porcelain-blue. Trade pkt., 75c; ⅛ oz., $1.90; ¼ oz., $3.35; oz., $12.00.

Geneva Giant Mixed. Grown from Originator's Stock Seed. A very fine strain. Trade pkt., 75c; ⅛ oz., $1.50; ¼ oz., $2.75; oz., $10.00; ¼ lb., $32.00.

America, Ideal Bedding or Basket Pansy. Good substance with wide color range. Free-flowering. Trade pkt., 60c; ⅛ oz., $1.40; ¼ oz., $2.40; oz., $9.00.

Engelmann's Giant Mixture. Dark and light shades, huge flowers, compact and early flowering. Trade pkt., 75c; ⅛ oz., $1.80; ¼ oz., $3.00; oz., $10.00.

Jumbo Mixed. Extra large and early; long stemmed flowers. Trade pkt., 75c; 1/16 oz., $1.40; ⅛ oz., $2.25; ¼ oz., $4.00; oz., $14.00.

Masterpiece—Giant Curled. The colors are superb, mostly red and brown shades. Trade pkt., 50c; ¼ oz., $1.80; oz., $6.00.

Oregon Giants (Originator's Stock). A fine strain of giant ruffled pansies. The large flowers of heavy texture have a delicate fragrance and come in all shades and coloring. Long stems and luxuriant foliage. Pkt. 200 seeds, 50c; pkt. 500 seeds, $1.00; 3 $1.00 packets for $2.00; ½ oz., $6.00; oz., $12.00.

PRIMULA Obconica Gigantea Wyaston Wonder

Primula Obconica

Cultural Instructions Sent with Seed — Trade pkt.

Grandiflora Avalanche. White.....1/64 oz., $2.25 $1.25
Appleblossom. Pink.....1/64 oz., $2.25 1.25
Better Days. Deep carmine-red. Very large-flowering. The compact, well branched growth is very symmetrical and the mass of flower heads shows evenly above the dark green foliage, on strong stems.....1/64 oz., $2.25 1.25
Sky-Blue (Konigsee). Extra-large flowers.....1/32 oz., $4.25; 1/64 oz., $2.25 1.25
Dark Blood-Red (Bayern Blut).....1/64 oz., $2.25 1.25
Fasbender Red. Flowers rich deep red of enormous size. Outstanding variety.....1/32 oz., $4.25; 1/64 oz., $2.25 1.25
Gigantea Wyaston Wonder. The huge heads of bright crimson flowers are carried on strong stems well above the foliage. In spite of the vigorous growth, Wyaston Wonder makes a compact and tidy plant.....1/32 oz., $4.25; 1/64 oz., $2.25; 1/16 oz., $8.00 1.25
Lachsrosa. A beautiful salmon-rose.....1/32 oz., $4.25; 1/64 oz., $2.25 1.25
Mohnstein's Dark Red.....1/32 oz., $4.25; 1/64 oz., $2.25 1.25
Mueller's (Berlin) Rose.....1/32 oz., $4.25; 1/64 oz., $2.25 1.25
Orchid Lavender. The color is a superb art shade of true orchid-lavender. The trusses are of enormous size, composed of individual blossoms which will average two and one-half inches in diameter..... 1.25
Red Purple.....1/32 oz., $4.25; 1/64 oz., $2.25 1.25
Mixed, many colors.....1/64 oz., $2.25 1.25

Primula Chinese Giant

Chiswick Red Improved. Red.....200 seeds .80
Covent Garden White.....250 seeds $1.00; 100 seeds .50
Dazzler. A brilliant and unique shade of orange-red, exceptionally floriferous and long lasting.....200 seeds 1.00
Giant Pink. Extremely large petals of great substance.....100 seeds .80
Giant Salmon.....100 seeds .80
Queen Mary. Rose-pink.....100 seeds .80
True Blue.....100 seeds .80
Vaughan's Special Mixture.....150 seeds .80
Giant Mixed. Includes this year a number of new shades.....100 seeds .85

Primula Chinensis Stellata

This type is indispensable for general decorative work. The plants are very floriferous and bloom for a long period. It is a good keeper, the flowers remain fresh in water for many days.

Giant Blue Star. Giant Salmon Star. Giant White Star. Each of the above, 250 seeds, $1.00; 100 seeds, 50c.
Giant Star Mixed. Trade pkt., (200 seeds), 80c.

Primula

Ericksson's Malacoides (Baby Primrose)

ORIGINATOR'S SEED

Recent improvements in this Baby Primrose class have made it indispensable for Florist's use. Seed sown in May or June will produce large plants for Christmas. September sown seed will produce nice plants for Easter and Mother's Day.

RIVERSIDE STRAIN

This is the newest strain, flowers are larger, stems are heavier; foliage is stiffer, more upright and heavier. Flowers have more substance and last longer. About two weeks later in blooming. This type does not "crop" in and gives a longer period in which to sell plants.

Mrs. Ericksson of Riverside. A glowing rose-red, a very strong grower with heavy flower stems and stiff foliage; large flowers in heavy clusters of medium height. It is the most outstanding new variety. Trade pkt., (500 seeds), $1.25.

Glory of Riverside Improved. A true rose pink, free bloomer with large flowers and robust grower.

Lilac Beauty. Pure light lilac, 100% even color when blooming and a delight to work in combinations.

Peachblossom. Deep peachblossom pink.

White Giant. An exceptionally strong grower, large pure white flowers which may be used in combinations instead of Hyacinths.
Each of the above: 4 varieties, 500 seeds, $1.00; 2,000 seeds, $3.00; 6,000 seeds, $8.00.

Ericksson's Special Mixture. 800 seeds, $1.00; 2,000 seeds, $2.00; 6,000 seeds, $5.00.

New Baby Improved. Glowing deep pink. 800 seeds, $1.00; 2,000 seeds, $2.00; 6,000 seeds, $5.00.

New Giant Malacoides

Double Fairy Jewels. The color is a lovely rich rose pink, slightly deeper in the center than the outer or older petals. The strain comes 90% to 95% double from seed. Trade Packet (about 1,000 seeds), $1.50.

Enchantress. A beautiful, soft salmon rose. The well rounded, beautifully formed flowers are 7/8 to 1 inch in diameter and produced in unbelievable profusion. A well grown plant will have 50 or more heavy stemmed spikes. Trade packet, (above 1000 seeds), $1.50.

Snow Flake. Has flowers of the purest shimmering snow white one can imagine. Its beautifully formed 1-inch florets adorn the stately stems like glistening jewels sharply highlighted by the lush green foliage. Trade Packet, $1.00.

Mixture. A mixture of giant varieties. Trade Packet, $1.00.

Malacoides Various Sorts

Trade pkt.

Princess Mary. Deep rose pink.....1/64 oz., $2.00 $1.00
Salmon Rose.....1/64 oz., 2.00 1.00
New Baby. Lavender-pink.....1/64 oz., $2.00; 1000 seeds, 1.00
Rose Queen. Deep rose, brilliant color. 1/64 oz., $2.20; 1000 seeds, $1.00.
Salmon Beauty. True salmon....1/64 oz., $2.50; 1000 seeds, 1.00

SUBSTITUTION

Kindly advice, may we substitute another variety equally as good or better by stating on your order "Substitute if necessary."

BEET, CROSBY'S EGYPTIAN

SCHIZANTHUS Vaughan's Dwarf Masterpiece

VEGETABLES FOR SUMMER PLANTING

Every florist who has available land should grow vegetables for the market this summer, for two reasons:

He will get top market prices, and he will be contributing an essential service to the war effort, and qualifying his business for important priority ratings.

If you have a location for a roadside market near your plant, your vegetables can be sold at retail, together with any flowers which you may have in surplus.

Following are varieties which we recommend for summer sowings:

Many shortages exist in vegetable seed supply, and whether this year's crops will correct them no one can tell. In addition to labor scarcity, unfavorable weather conditions may cause poor crops.

BEANS—Plentiful
Dark green, and prolific. Lb., 40c, 10 lbs., $2.20.

BEET—Crosby's Egyptian.
Dark red, good quality. ¼ lb., 65c, lb., $1.95.

CARROT—Touchon
Excellent table variety. ¼ lb., 90c, lb., $2.60.

CAULIFLOWER—½ oz., $1.30, oz., $2.50, ¼ lb., $8.00.

CHARD—(Summer Spinach). ¼ lb., 50c, lb., $1.50.

CHINESE CABBAGE. Oz., 30c, ¼ lb., 75c, lb., $2.25.

CUCUMBER—The Vaughan
For outdoor or forcing. Long, slender and dark green. ¼ lb., 85c, lb., $2.50.

ENDIVE—Full Hearted Escarole.
Best salad variety. ¼ lb., 60c, lb., $1.75.

LEAF LETTUCE—Grand Rapids Selected Stock
For outdoors or forcing. ¼ lb., 85c, lb., $2.50.

PEAS—Laxton's Progress
Lb., 30c, 10 lb., $2.20, 100 lb., $20.00.

RADISH—Scarlet Globe
Medium Top For outdoor planting. Lb., 75c.
Short Top—For forcing. Lb., $1.00.

TURNIP—Purple Top White Globe
¼ lb., 25c, lb., 75c.

RUTABAGA—American Purple Top
¼ lb., 35c, lb., 95c.

Order now for next spring.

We advise all market growers to place early orders for their requirements of next spring, and to accept delivery of the seed this fall, in order to make sure of an adequate supply.

Schizanthus

Use Schizanthus flowers in corsages. They are long lasting and make up very attractively.

	Tr. pkt.	Oz.
Vaughan's Dwarf Masterpiece. This is to our knowledge the best strain of Schizanthus in existence. The plants grow dwarf and compact, making them most suitable for pot culture. The color range of the flowers, which are of good size, is the most varied, well balanced from light pink and rose, to a very pleasing dark violet, all with conspicuous blotches.....1/16 oz., $1.00; ⅛ oz., $1.65	$0.50	.....
Vaughan's Excelsior Hybrids. A choice strain with very large flowers in an excellent blend of colors. A splendid cut flower item.....⅛ oz., $1.10	.50	.....
Dr. Badger's Hybrids. Splendid large flowers with brilliant coloring, compact grower 8 to 10 in tall... .....¼ oz., $1.10	.35	.....
Pansy-flowered. The large pansy-flowered blooms are remarkably substantial, while the rich self-colors in all shades of pink, crimson, mauve and purple, as well as white are extremely bright and attractive. .....⅛ oz., $1.00	.35	.....
Ryders' Chelsea Bedding. The bushy little plants are so compact and neat and so smothered by the butterfly-like blooms that each one is a bouquet in itself. Has a wide range of colors. The plants average only 9 inches in height.....	.75	.....
SAPONARIA Vaccaria Rose. Incorrectly spoken of as Pink Gypsophilia. The light graceful sprays of glistening flowers produced in greatest profusion. .....¼ lb., 80c	...	$0.25
Vaccaria Alba. White.....¼ lb., 80c	...	.25
SMILAX.....	.25	....
STATICE Suworowii. Russian. Also known as "Rat Tail." Flowers bright rose color. Sow inside for winter blooming in a cool house.....¼ oz., 40c	.15	1.20
STEVIA Serrata. Fragrant, small while flowers freely produced in clusters. Fine to mix with other flowers. Easily grown indoors summer or winter.....	.35	....

STOCKS NON-BRANCHING COLUMN SILVERY LILAC

Stocks

Our Stocks are produced by the most careful growers and are **equal to the best in the market.**

Varieties preceded by star (★) are the most popular colors.

A leaflet on "Methods of Selecting Double Flowered Stocks in the Seedling Stage," by Prof. S. L. Emsweller, will be included in all orders for Column Stock seed.

"NON-BRANCHING" COLUMN STOCKS

These produce one enormous spike with large flowers, 2 to 2½ ft. high, and can be planted close together in the bench, which makes them a profitable type. Are in season with Bismarck variety.

American Beauty. Deep American Beauty Rose.

★**Apricot (No. 20).** Strong growing buff with a faint pink tinge and extra large flowered variety.

★**Blue.** Dark lilac blue.

Chamois Pink. A warm rosy buff color.

Gardenia. Flowers of the purest white. About 10 days later than White No. 16, also taller. Needs disbudding.

Gold Standard. Creamy ivory yellow. Only ½ trade pkt., 60c; trade pkt., $1.00.

Lilac Lavender. Same as Silvery Lilac.

Malmaison Pink. Beautiful shell pink.

Moonlight. Light yellow.

★**Pink (No. 11).** Light rose-pink, exact shade of Bismarck Rose.

★**Rose Pink (No. 14).** A deep selection from No. 11; a rose-pink. Good market color. About ten days later than No. 11.

Purple. Only trade pkt., $1.00; ½ trade pkt., 60c.

Ruby (Illusion). Rich crimson red.

★**Silvery Lilac.** Lilac lavender.

★**Supreme.** Extra long stiff stems and fine heavy spikes of rich silvery rose.

★**Vaughan White No. 1.** We especially recommend this; in our judgment, the finest pure white Non-Branching Column Stock in existence.

White No. 16. Semi-tall pure white.

Hyacinth Flowered White. (No. 5 Extra Dwarf for Pot Culture). Fine for growing for early spring pot plants and combinations. Growing about 14 inches tall and producing one Hyacinth-like spike, these fragrant plants help to fill in the shortage of bulbs.

Special Florist Mixed. Mixture of the best selling colors.

★**Yellow Wonder.** Best yellow.

Each of above except noted otherwise. ½ tr. pkt., 60c; tr. pkt. (about 1200 seeds), $1.00; ¼ oz., $2.50; oz., $9.00.

EARLY COLONIAL. Blooms earlier than other branching types, grows 30 to 36 in. tall. The individual florets are 2 inches across and they form clusters or spikes 15 inches long. The percentage of double runs about 70%.

Mayflower. Red rose. **Puritan.** Pure white.
Priscilla. Silvery lavender. **Rose Standish.** Bright rose.
Each, trade pkt., 50c.

GIANTS OF CALIFORNIA

This magnificent group comes very early, having the branching habit of the Bismarck, with mammoth flowers on longer stems. When planted close they make one long spike of mammoth florets closely packed around the stem.

Blood-Red "The Red Woods" **Rose Carmine** "Sequoia"
Blue "Pacific" **Rose** "Yosemite"
Chamois "Santa Barbara" **Velvety Violet** (Mojave)
Lavender "Tahoe" **White** "Santa Maria"
Pink "Monterey" **Yellow** "Golden Gate"

Each of the above, trade pkt., 35c; ⅛ oz., 70c; ¼ oz., $1.25; oz., $4.40.

Giants of California Mixed. Trade pkt., 25c; ⅛ oz., 65c; ¼ oz., $1.20; oz., $4.00.

IMPROVED GIANT BISMARCK (Early Giant Imperial)

The plants grow in pyramidal form, about 2½ ft., are strong and robust and are covered with large double flowers. Plant close and take out center shoot as soon as safe to get more and longer side branches which that way produce more flowers.

Buttercup. Deep golden yellow
★**Chamois** **Dark Blue** **Elk's Pride.** (Royal purple).
Flesh. Pale coral pink. **Fiery Blood-Red**
Golden Rose ★**Lavender** ★**Lilac** ★**Rose**
★**Shasta.** Vigorous, glistening white.

		Trade pkt.	Oz.
Each of the above	⅛ oz., 65c; ¼ oz., $1.10	$0.35	$3.40
Appleblossom. Pale delicate pink	⅛ oz., 65c	.35	....
Giant Bismarck, Mixed. All colors	¼ oz., 65c	.25	2.40

Sweet Peas Early-Flowering Spencer

By the use of the star-symbol (★) we have indicated the varieties which, according to our experience, have proved the most satisfactory in the various colors and classes.

Nitragin for inoculating Sweet Pea Seed, Garden Size Packet, 10c. Sweet Peas should be inoculated with Nitragin before planting.

Any of the following, except where noted otherwise, ½ oz., 30c; 1 oz., 50c; ¼ lb., $1.50; lb., $5.50.

BLUE, LAVENDER AND PURPLE

Amethyst. An early-flowering "Royal Purple." Fragrant.
Blue Bird. Violet blue. Fragrant.
Ball Blue Supreme. Much larger flowered than Mrs. Hoover, a long stemmed heavy producer. ½ oz., 45c; 1 oz., 75c; 4 oz., $2.25; lb., $7.50.
★**Danube.** Large, ruffled blooms of a clear lavender-blue, on long straight stems.
Elk's Purple. Long stemmed reddish purple.
Fragrance. Large frilled lavender flowers, fragrant.
★**Harmony.** Most popular lavender, fragrant.
Mariner. Clear mid-blue.
★**Mrs. Herbert Hoover.** Clear blue. Fragrant.
★**Princess Blue.** Rich light blue.
★**Tahoe.** Both the wavy standards and ruffled wings have the same delightful shade of mid-blue.
★**Triumph.** Deep lilac mauve.
★**Twilight.** Long stems and extra large flowers. Color is a medium clear lavender, very much like Harmony, and will soon supersede Harmony with most growers.

ORANGE

★**Ball Orange Improved.**
Fiesta. Brilliant orange cerise. A strong self color almost deep enough to be an orange scarlet. Vigorous grower, definitely sunproof.
★**Treasure Island.** A sparkling golden orange. Very large flowered and semi-duplexed.
Valencia. Color bright orange, sunproof.

PINK, ROSE AND SALMON

American Beauty. A rich crimson rose on white ground.
★**Apollo.** A soft salmon-cerise. Fine spring bloomer.
Attraction. Bright salmon-pink.
★**Ball Rose Improved.** Extra rich deep rose.
Ball Rose Supreme. Large wavy flowers of bright silvery rose pink.
Ball Rose Queen. Extra long stemmed and large flowered clear rose pink.
★**Bridesmaid.** Deep silvery pink with stems unusually long.
★**Boon.** Deep salmon-pink on light cream ground.
★**Daphne.** A soft salmon-pink on a cream ground. The flowers are of great size, with beautifully expanded and waved standards.
Jeanne Mamitsch. Striking pink, shading off to deepest pink.
Josie. Brilliant rose-pink, vigorous, large flowers; long stems.
★**Laddie Improved.** An enormous rose-pink. Fragrant.
★**Mrs. R. H. Holscher.** Rose-pink.
New Ball Rose. Free flowering rich deep rose. ½ oz., 45c; oz., 75c; ¼ lb., $2.25; lb., $7.50.
★**Sequoia.** A rich golden salmon-cerise pea, frilled and wavy. The flowers are enormous, on long stout stems.

SCARLET AND MAROON

Bacchus. Mammoth flowered duplex on long, firm stems. Rich red maroon.
Grenadier. A glowing poppy-scarlet.
Pride. Pure cerise large flowers on long stems.
Redwood. A deep, bright rich crimson.
Sparks. Bright orange scarlet, large flower, daintily frilled standard with wide spread wings.

For SPRING-FLOWERING INTERMEDIATE SWEET PEAS—See Our Fall Book for Florists.

Type of Our Sweet Peas, Early Flowering Spencer

WHITE AND CREAM

Ball White. Large flowered, long stemmed, pure white.
Burpee's White. Glistening white, sweet scented.
Cascade. Very large flowered white, white seeded. Some of our mid-western florists prefer this to all others. ½ oz., 35; oz., 60; ¼ lb., 2.00; lb., $7.00.
Gardenia. Fragrant velvety white flowers, ruffled and duplexed. An easily grown white seeded variety; sow to follow "mums."
★**Hope.** A mammoth-flowered black-seeded pure white.
Oriental. Deep cream, black seeded large flowers.
★**Snow Queen.** Pure white, black seeded, opens and retains white color. Sow to follow "mums."
★**White Champion.** Best early-flowering white seeded white. Exceptionally long stems, carrying usually four flowers each.
★**White Harmony.** A standard black-seeded white.
Vaughan's Special Formula Mixture, Early Flowering Spencers from named sorts. ½ oz., 25c; oz., 45c; ¼ lb., $1.35; lb., $5.00.

Fragrant Early Flowering Spencer Sweet Peas

Amethyst.	Fragrance.	Laddie Improved.
Blue Bird.	Harmony.	Mrs. Herbert Hoover.

ANCHUSA Italica Dropmore Variety

We recommend sowing perennial seeds in spring. Seed germinates better in the cool weather than in the heat of mid-summer, and the long growing season produces larger plants that winter over more successfully.

ALYSSUM Saxatile Compactum

ANTHEMIS

Seeds of Biennials and Hardy Perennials

Perennials fill a large and interesting place in the operations of an up-to-date florist establishment. Some are as easily raised as annuals; quite a few may be forced; others make fine pot plants; and many furnish splendid cutting material. The rock garden requirements absorb all the low-growing varieties and the florist with his eye to the future will devote considerable space to perennials of all kinds. They require little heat, if any, and not much care.

SEED GERMINATES SLOWLY AND IRREGULARLY

of the following varieties and seed bed should be prepared where it will be undisturbed for a year or more.

Aconitum, Anemone, Clematis, Delphinium Cardinale, Delphinium Nudicaule, Dictamnus, Dielytra, Iris, Phlox Decussata, Primulas Trollius and nearly all Alpines.

Rock Garden subjects are marked ×.

		Trade pkt.	Oz.
Aconitum (Monk's Hood). Wilsoni. Mid-blue, large and late flowering	¼ oz., 80c	$0.25	$2.80
Barker's Variety. Branching habit, flowers pretty amethyst blue	¼ oz., 85c	.25	....
Aethionema Coridifolium (Lebanon Candytuft). Light rosy purple, 8 in.		.50	....
Allwoodii, see Dianthus.			
Alstroemeria Aurantiaca. Orange streaked red, 3 to 4 ft.	¼ oz., $1.00	.35	....
Alyssum Argenteum × Yellow-flowered, silvery foliage, 24 in.		.35	....
Saxatile Compactum (Gold Dust). Golden yellow, 12 in. Blooms in spring	¼ oz., 30c	.15	1.00
Sulphureum (Citrinum). Sulphur-yellow, 15 in.	¼ oz., 80c	.35	3.00
Rock Garden Perennial Species, Mixed		.35	....
Ampelopsis Veitchi, Boston Ivy. Clean seed. lb., $5.00		.15	.50
Amsonia Tabernaemontana. Free flowering long stems, with willow-like foliage and lovely heads of light blue flowers in panicles. Especially good for cutting and hardy border. 2 to 3 ft.	¼ oz., 90c	.50	....
Anchusa Italica, Dropmore Variety. Large, gentian-blue, excellent perennial for cutting, 6 ft.		.15	.80
Dwarf Dropmore Variety (Feltham Pride). Neat habit, flowers brighter blue than preceding. 3 ft.	¼ oz., 60c	.25	2.00
Lissadell. Clear gentian-blue. 6 ft.		.15	.80
Morning Glory. Clear blue, a little lighter than Lissadell but quite similar. Height about 5 ft., coming very true. Buds appear a rosy mauve but turn to clear blue as they open	¼ oz., 45c	.25	1.40

ANCHUSA—Continued		Trade pkt.	Oz.
Myosotidiflora. × A charming plant with the exquisite blue flowers of the forget-me-not, carried on 2 ft. high stiff stems. Large heart shaped basal leaves, for rock garden or border. Flowers in April and May. This seed should be placed in refrigerator for 72 hours before sowing.	⅛ oz., $1.00; ¼ oz., $1.80	$0.50	....
Anemone (Windflower), Coronaria. Sylphide Blue. light purple	¼ oz., $1.40	.50	$5.00
St. Brigid's Hybrids (Irish Champions). Irish-grown St. Brigids are largely favored by commercial growers on account of the lasting quality of the bloom, length of stem, and the brilliancy of colors. 18 in.	¼ oz., 85c	.50	3.00
Pulsatilla. × The Pasque Flower. A singularly beautiful species with violet flowers, whole plant covered with silky hairs, needs a dry situation. Blooms in April to June. 12 in.	¼ oz., $1.00	.25	3.50
Anthemis Kelwayii (Hardy Marguerite). Daisy-like lemon-yellow blossoms, produced all summer, 3 ft.		.15	.60
Tinctoria. Very useful yellow border plant, 2 to 3 ft.		.15	.60

AQUILEGIA × (Columbine)

Alpina. Blue. A beautiful short spurred form, 24 in.		.25	....
Canadensis. Native variety, bright red and yellow, 30 in.	¼ oz., 50c	.25	1.80
Chrysantha. Light chrome-yellow, fine, 36 in.	¼ oz., 80c	.35	2.80
Chrysantha Silver Queen. Long-spurred silvery white, 2 ft.	¼ oz., 90c	.35	3.20
Clematiflora. Mixed, Spurless Columbine with beautiful open flowers like Clematis. Contains all lovely pastel shades	½ oz., $1.00	.50	....
Coerulea Blue. × Sky-blue with white corolla. Rocky Mt. Columbine	¼ oz., 60c	.25	....

Unless otherwise quoted we supply ½ oz. at the ounce price and 4 ozs. (of a variety) at the pound price.

AQUILEGIA Longissima Hybrids. Tr. pkt., 50c

AQUILEGIA Mrs. Scott Elliott's Strain

AQUILEGIA Clematiflora.

Seeds of Biennials and Hardy Perennials

AQUILEGIA (Columbine)—Continued		Trade pkt.	Oz.
Coerulea. Mrs. Nicholls. Deep blue and bolder flower than Coerulea blue	⅛ oz., $1.30	$0.50	....
Rose Queen. Shades of rose with white corolla, 30 in.	¼ oz., $1.20	.35	$4.00
Flabellata Nana Alba. Pure white early flowering 12 inch	⅛ oz., $1.50	.50	....
Longissima. Long spurred delicate yellow	⅛ oz., $3.00; 1/16 oz., $1.60	.50	....
Longissima Hybrids. Very long spurred variety in many attractive shades	1/16 oz., $2.00	.50	....
Long-Spurred Blue Shades	⅛ oz., $1.00	.50	....
Copper Queen. Copper-red, straw-colored corolla, variable in shade, 18 in		.50	....
Crimson Star. Long spurs of rich crimson, the center is white tinged carmine, flowers 3 in. across on 2 ft. stems	⅛ oz., $2.00; ¼ oz., $3.50	.75	....
Orange and Scarlet Shades	¼ oz., $1.20	.50	4.00

AQUILEGIA—Continued		Trade pkt.	Oz.
Mrs. Scott Elliott's Strain. The blooms are of large size and the spurs very long. The colors range through shades of lavender, mauve, blue, purple, white, cream, yellow, pink, red, etc.	¼ oz., $1.00	$0.35	$3.50
Special Mixture of Long Spurred Varieties. A mixture of superior American and English strains	¼ oz., $1.00	.35	3.50
Rainbow Mixture of Colorado varieties. Many charming colors of our native Columbine	¼ oz., $1.00	.35	3.50
Vaughan's Special Mixture. All types	¼ oz., $1.00	.35	3.60
Arabis × Alpina. White flowers in dense masses. 1 ft	¼ oz., 50c	.25	1.80
Alpina Nana Compacta. White, 8 in	¼ oz., 70c	.35	2.40
Rosea, Pink. 1 ft		.35	....
Arenaria Montana. × Makes broad masses of slender foliage 3 to 4 in. deep, which are smothered with large white flowers in late spring, needs sun and well drained soil, 12 in		.50	....

ANEMONE St. Brigid's Hybrids

ARMERIAS Are Fine for Cutting

ARABIS Alpina

CAMPANULA Persicifolia Single

CAMPANULA Medium Calycanthema

BAPTISIA Australis

Seeds of Biennials and Hardy Perennials

	Tr. pkt.	Oz.
Armeria × Alpina. Deep rose, 3 in. . . . . ⅛ oz., $2.40	$0.75	. . . .
Bee's Ruby. Deep rosy red flowers . . . . . ⅛ oz., $1.35; ¼ oz., $2.50	.75	. . . .
Formosa. Large Flowering Hybrids. 2 ft. . ¼ oz., 75c	.35	. . . .
Formosa. Red. 2 ft.	.35	. . . .
Glory of Holland. Giant Pink. The clear, deep, pink flowers of the size of a silver dollar are borne on straight, tall stems of 24 inches high, throughout the summer. Extra fine for cutting. . . ⅛ oz., $2.00	.50	. . . . .
Mauritanica (Cephaloteos) Giant Thrift, rose and white, 2 ft. . . . . ¼ oz., 75c	.50	. . . .
Asphodelus Luteus. Yellow, fragrant, 3 ft. . . ⅛ oz., 75c	.25	. . . .
Aster Perennial. Large-Flowering Varieties, mixed . . . . . ⅛ oz., $1.40; ¼ oz., $2.50	.50	. . . .
Goliath. × Soft blue, largest flowered, fine, 15 in. . . . . ⅛ oz., $1.25; ¼ oz., $2.20	.75	. . . .
Amellus Hybridus. Named varieties, finest mixed. 30 in. . . . . ⅛ oz., $1.00	.50	. . . .
Farreri. Violet mauve with orange disc	.50	. . . .
Aubrietia. Semi-double Hybrids. Produces 75% large semi-double flowers in all known colors of this family and many new art shades	.75	. . . .
New Giant Flowered. (Monarch strain). All full petalled types equal to the best named varieties. Vastly superior in size and color range to any other strain raised from seed. Highly recommended. . . . . 1/16 oz., $1.00	.50	. . . .
Large-Flowered Hybrids. × Lovely dwarf spring blooming plants. Form beautiful cushions of foliage and flowers. 6 in. . . . . ¼ oz., 80c	.25	$2.80
Deltoidea. × Lilac, 6 in.	.35	. . . .
Eyrii. × Free flowering large blue	.35	. . . .
Graeca. Large blue free flowering, 6 in. . . ¼ oz., 75c	.25	. . . .
Leichtlini. × Large-flowered, rosy purple	.50	. . . .
Purpurea. True deep purple	.50	. . . .
Whitewell Gem. × Glowing rosy purple with slight tinge of blue, 6 in.	.35	. . . .
Auricula. See Primula.		
Baby's Breath. See Gypsophila Paniculata.		
Baptisia Australis (False Indigo). Beautiful racemes of pea-shaped indigo-blue flowers. . 2-4 ft.	.15	.75

	Tr. pkt.	Oz.
Bellis Perennis × or English Daisy, 6 in. Snowball. . . . . 1/16 oz., $1.00	$0.50	. . . .
Monstrosa, Double Pink. . 1/16 oz., $1.00; ⅛ oz., $1.80	.50	. . . .
Double Crimson. . . . . 1/16 oz., $1.00	.50	. . . .
Double Red. . . . . 1/16 oz., $1.00; ⅛ oz., $1.80	.50	. . . .
Double White.	.50	. . . .
Double mixed. . . . . 1/16 oz., $1.00; ⅛ oz., $1.80	.50	. . . .
Tubulosa Aetna. Rich deep red.	.75	. . . .
Pink. Quilled pink.	.50	. . . .
Glory of Frankfurt. Brilliant dark red	.75	. . . .
Bignonia Radicans (Trumpet Vine). Dark red, orange throat	.15	$0.75
Bocconia Japonica (Plume Poppy). The plants grow 6 to 7 ft. high and the large finely cut leaves are topped by huge flower spikes, carrying creamy white blossoms. . . . . ¼ oz., 50c	.25	. . . .
Boltonia Latisquama. Delicate pink, 4-5 ft.	.35	. . . .
Callirhoe Involucrata. × Large crimson flowers, trailing habit, very showy, 6 in. . . . . ¼ oz., 85c	.35	3.00

CAMPANULA PERENNIAL SORTS

Carpatica × (Hare Bell). Forms a quickly widening tuft of neat foliage above which are borne on slender, branched erect stems, wide cup-shaped upright blooms of a glistening light violet blue, 9 in.	.50	. . . .
Alba. × White, 9 in.	.50	. . . .
Cullinmore. A lovely hybrid form of Carpatica and other dwarf-growing species. Much more prolific than Carpatica. Its flowers of various shades of blue are produced all summer. Very nice edging plant or for the rock garden	.50	. . . .
Garganica. × A compact and tufty plant with pendant flowering branches. The flowers are blue with a white eye. 4 in.	.75	. . . .
Lactiflora Coerulea. Light blue, 3 ft. . . . . ¼ oz., 50c	.25	1.80
Latifolia Macrantha. Blue, large-fld., 40 in.	.35	. . . .
Persicifolia (Peach Bell) Alba. White, fine, 30 in.	.35	. . . .
Coerulea. Blue, 30 in. . . . . ¼ oz., $1.00	.35	. . . .
Telham Beauty. Very large bells of China blue, varies, 30 in. . . . . ⅛ oz., $1.20	.50	. . . .
Wedgwood. Large flowers of deep violet blue. Will do good in full sun or partial shade. If sprays of buds are cut and put in water, they open to charming flowers which are useful for decorative purposes.	.50	. . . .
Single mixed . . . . . ¼ oz., $1.00	.35	. . . .

Rock plants are followed by ×, and the heights given are of the plants when in bloom.

SHASTA DAISY Alaska

Rock plants are followed by ×, and the heights given are of the plants when in bloom.

CANDYTUFT Sempervirens

CARNATION Grenadin Mixed

Seeds of Biennials and Hardy Perennials

CAMPANULA—Continued		Trade pkt.	Oz.
Punctata. 28 in. Plants form rambling foliage mats with flower stalks of varying height from which hang big, pendant bells which are waxen without, downy within. Creamy pink to purple		$0.50	....
Pyramidalis Alba. White, 5 ft		.35	....
Blue. Lavender-blue, 5 ft	¼ oz., 70c	.35	....
Mixed	¼ oz., 70c	.35	....
Rapunculoides. Spires of loosely swung bell-blossoms, beauty for months on end. Variable coloring, from soft blue to deep violet. A row of it becomes a hedge of bloom, and it has perhaps the longest flowering season of any Campanula	¼ oz., 75c	.35	....
Rotundifolia (Scotch Blue Bell). × Slender branching stems, covered with dainty frail blue flowers. Blooms in July and again in fall, 6-12 in.	⅛ oz., $1.00	.50	....
Perennial Varieties. Mixed	¼ oz., 75c	.35	$2.80
Rock Garden Varieties. Mixed		.35	....

CAMPANULA BIENNIAL SORTS

Medium Calycanthema, Cup and Saucer. Dark Blue, Lilac, Rose and White. 36 inch each	¼ oz., 50c	.20	1.60
Calycanthema Mixed	¼ oz., 50c	.20	1.60
Single. Canterbury Bell. Blue, Lilac, Rose, White, 36 in., each		.15	.80
Single Mixed		.15	.80
Double Blue	¼ oz., 70c	.25	....
White	¼ oz., 70c	.25	....
Mixed	¼ oz., 65c	.25	....
Double and single mixed	¼ oz., 40c	.20	1.40
Candytuft × Gibraltarica. 1 ft. Large flowers, lilac shaded to white	¼ oz., 50c	.25	1.60
Jucunda (Lebanon Candytuft). Dwarf pretty pink, 4 in.		.50	....
Queen of Italy. Dwarf evergreen foliage, rosy lilac, 10 in.	¼ oz., 35c	.20	1.00
Sempervirens, 12 in. White	¼ oz., $1.20	.50	4.50

CARNATION

Grenadin Golden Sun. Golden yellow	⅛ oz., $1.40; ¼ oz., $2.50	.50	$8.00
King of the Blacks. Darkest red, very fine. 20 in.	⅛ oz., $1.40; ¼ oz., $2.50	.50	8.00
Red. Half high. 20 in.	⅛ oz., $1.40; ¼ oz., $2.50	.50	8.00
Triumph Rose, 20 in.	⅛ oz., $1.40; ¼ oz., $2.50	.50	8.00
White Gold. Soft yellow, new	⅛ oz., $1.40; ¼ oz., $2.50	.50	8.00
White, 20 in.	⅛ oz., $1.40; ¼ oz., $2.50	.50	8.00
Mixed	⅛ oz., $1.40; ¼ oz., $2.50	.50	8.00
Vienna Dwarf. Mixed		.50	....
Prof. Malmgreen. Gay brick red double flowers, fine for cutting		.50	....

		Tr. pkt.	Oz
Cassia Marylandica (Indian Senna). Racemes of showy yellow flowers. 30 in.	¼ oz., 40c	$0.25	$1.40
Centaurea Macrocephala. Radiant yellow thistle-like blooms often 4 in. across. 36 in.	¼ oz., 45c	.25	1.50
Montana. Cornflower blue, 24 in.	¼ oz., $1.00	.50	....
Perennial sorts mixed	¼ oz., 60c	.25	2.00
Cerastium × Tomentosum (Snow in Summer). Silvery white foliage, white flowers. 16 in.	¼ oz., 60c	.25	2.00
Cheiranthus Allionii. Brilliant orange. 16 in.	¼ lb., $1.40	.15	.40
Golden Bedder. Deep golden yellow flowers, sweetly scented, long flowering	¼ oz., 30c	.15	1.00
Kewensis, Winter-blooming Wallflower. Fragrant flowers, sulphur passing to gold and violet, 30 in.	¼ oz., 75c	.35	....
Linifolius. Lilac. 18 in.	¼ oz., 40c	.25	1.40

CHRYSANTHEMUM

Maximum Conqueror (Victor). Giant flowered white	¼ oz., 30c	.15	1.00
Elder Daisy. Early blooming, smaller flowering than Alaska, but more flowers	¼ oz., 30c	.15	1.00
King Edward VII. White	⅛ oz., 50c	.25	....
Mrs. C. Lothian Bell. Single white. 3 ft.	⅛ oz., 50c	.25	....
See also Shasta Daisy.			
Korean Hybrids. Seed saved from a large acreage of experimental crosses representing a wonderful range of magnificent colors. Large flowering single and semi-double.	⅛ oz., $2.00; ¼ oz., $3.50	1.00	....
September Jewels. Contain an extra-large number of beautiful colors. The plants grow 1 to 2 feet tall and the flowers measure about 2½ inches in diameter	1/16 oz., $1.00	.50	....

Clove Pink. See Dianthus Plumarius.

Columbine. See Aquilegia.

Coreopsis Lanceolata Grandiflora. Very large golden yellow flowers, long stemmed, excellent for cutting,	lb., $3.00	.15	.30
Lanceolata Auriculata Superba Diadem. Dark yellow with band of brownish red around disc. 3 ft.	¼ oz., 30c	.15	1.00
Double Sunburst (Double Gold). Large double flowers 1½ to 2 in. across	¼ oz., 30c	.15	1.00
Mayfield Giant. Best large deep golden yellow.	¼ oz., 25c	.15	.80

SHASTA DAISY—Diener's Double Giant

DELPHINIUM PACIFIC GIANT HYBRIDS

Seeds of Biennials and Hardy Perennials

Daisy. See Bellis, Agathea, Chrysanthemum Maximum and Pyrethrum.

	Trade pkt.	Oz.
Daisy, Shasta, Alaska. Best white, American-grown, 40 in. ¼ oz., 40c	$0.20	$ 1.20
Diener's Giant Double Shasta. Flowers five inches across resemble giant asters, on long wiry stems. Blooms over a period of several months. The first year flowers appear with a high percentage of singles. The second year they act like Pyrethrum Double in that they show practically 100% doubles. 1/16 oz., $1.25; ⅛ oz., $2.00; ¼ oz., $3.50	.50	.....
Diener's Giant Double Ever-Flowering Shasta Daisy G. Marconi. The largest Shasta Daisy today, the flowers are around seven inches in diameter and stems 2½ to 3 feet long. 1/16 oz., $1.00; ⅛ oz., $1.85	.50	14.00

Delphinium

PACIFIC GIANT (Vetterle and Reinelt). This strain produces plants that are 60 to 65 per cent mildew resistant. The flowers are of immense size, tightly set on straight stems that are strong and whippy. The flowers **do not shatter** and represent a truly outstanding addition to the cut flower market.

Black Knight Series. Deep mid-night violet. The darkest of them all. Flowers of beautiful round form, with heavy velvety texture.

Blue Bird. A clear medium blue with white bee with huge tall spikes.

Blue Jay. Brilliant true medium blue with dark bee.

Cameliard Series. This is a pure lavender self, with white bee.

Galahad Series. Clear white of enormous size, averaging three inches in diameter of individual flowers with very heavy glistening texture.

Guinevere. Light pink lavender self with white bee.

King Arthur. Brilliant royal violet with large white bee.

Summer Skies. Clearest light blue with white bee.

Round Table Series. As the name implies, this represents all of the color combinations of the above Knights and their Ladies.

Each of the above, Trade pkt., $1.25; ⅛ oz., $2.50; ¼ oz., $4.00; oz., $14.00.

DELPHINIUM—Continued

Pacific Giant. Clear White. Individual florets 2 to 2½ inches in diameter. Well placed on large well balanced spikes. Clear glistening white with heavy texture. Excellent for show purposes. Not Mildew resistant.

Pacific Giant Dark Blue Shades.

Pacific Giant Light Blue Shades.

Pacific Giant Lavender Pastel Shades. Color range from light lavender to deep smoky lavender, generally of two tone combinations with brown or black bees.

Pacific Violet Shades.

Pacific Giant Mixed.

Each of above 6: Trade pkt., $1.00; ⅛ oz., $2.00; ¼ oz., $3.50; oz., $12.00.

	Tr. pkt.	Oz.
Blackmore and Langdon Strain, Mixed. Tall, graceful spikes covered with blooms. All the clear shades of blue with many delightful opaline variations, with bees of contrasting colors. ¼ oz., 90c	$0.50	$3.00
Wrexham Strain (Hollyhock Delphinium). The chief distinguishing features of the "Hollyhock" Delphiniums are the extraordinary length and the tapering and spire-like shape of the spikes; the indescribably rich and varied tints; the very remarkable extension of the flowering period. Mixed. ⅛ oz., 80c; ¼ oz., $1.50	.50	5.40
Gold Medal Hybrids. Extra choice strain. ¼ oz. 50c	.25	1.80
Belladonna. Light Blue, Improved. Light blue, large flowered, strong grower. 4 to 5 ft. ¼ oz., 80c; lb., $35.00	.40	2.80
Bellamosum Improved. Large deep blue flowers, uniform in color with a white bee. 4 to 5 ft. lb., $35.00; ¼ oz., 80c	.40	2.80
Cardinale. Fine scarlet flowers, yellow center, 30 in. ¼ oz., 75c	.35	2.80
Chinense Album Grandiflorum. White, 36 in. ¼ oz., 35c	.20	1.20
Blue. Gentian blue. ¼ oz., 35c	.20	1.20
Blue Mirror. This Chinese Larkspur has no spurs and it shows its bright navy-blue flowers most effectively by their horizontal position. Height 1½ to 2 feet. May be cultivated as an annual as well as perennial, and is finely suited for cutting purposes, for groups and borders ¼ oz., $1.00	.50	3.80
Cambridge Blue. Rich belladonna blue. ¼ oz., 65c	.35	2.20
Azure Fairy. Soft azure-blue, 20 in. ¼ oz., 35c	.20	1.20

Rock plants are followed by X, and the heights given are of the plants when in bloom.

Seeds of Biennials and Hardy Perennials

SWEET WILLIAM Single "Midget" MIXED COLORS

The habit of this Sweet William Dwarf Alpine Mixed is of a ball type, grows from three to four inches tall. The blooms, which almost entirely cover the foliage, are quite large flowered. This little Sweet William should make a wonderful perennial border and pot plant. The color range is from white, chamois, salmon, scarlet, brick red to maroon, with most of the blooms being tri-colored.

Trade pkt., 50c; ¼ oz., $1.40; oz., $5.00.

DELPHINIUM—Continued

	Trade pkt.	Oz.
Elatum Hybridum Lamartine. The flowers are a rich, deep blue with a pure white eye. It makes a sturdy, vigorous, healthy plant five feet tall which blooms from June until frost.....⅛ oz., 80c; ¼ oz., $1.40	$0.50	$4.80

DIANTHUS BARBATUS—Sweet William

Double Dwarf Midget Mixed.....¼ oz., 85c	.35	3 00
Giant Flowered Mixed.....¼ oz., 80c	.35	2.80
Seedlings of all Double Sweet Williams produce about 40 per cent of single-blooming plants.		
Single Blood-red (Atrosanguineus).....¼ oz., 50c	.25	1.60
Copper Red. Showy flower heads composed of numerous good sized individual blooms in an attractive new color.....¼oz., $1.00	.35	....
Special Giant White. Phlox-Flowered. Enormous trusses of bloom. Fine for cutting...¼ oz., 75c	.35	2.40
Homeland. A most unusual color, dark red with large, sharply defined clear white center.....¼ oz., $1.00	.50	3.80
Nigrescens. Very dark, almost black..¼ oz., 40c	.20	1 40
Newport Pink Salmon-pink.....¼ oz.,75c	.35	2 40
Scarlet Beauty. Scarlet.....¼ oz., 75c	.35	2.40
Dwarf Midget Mixed. See illustration on left.....¼ oz., $1.40	.50	5.00
Mammoth Flowered. Single mixed....¼ oz., 75c	.35	2.40
Vaughan's Special Mixture. Double and single of above choice varieties.....¼ oz., 80c	.35	2.80

DIANTHUS PLUMARIUS—Clove Pinks ×

Cyclops. Red Hybrids.....¼ oz., $1.00	.35	3.60
Highland Rose Hybrids Mixed. Beautiful and varied mixture, especially noted for their fragrance and long flowering.....¼ oz., $1.00	.35	3.60
Highland Queen. Bright crimson.....	.50	....
Ipswich Crimson. A grand single variety deep crimson flowers.....⅛ oz., $1.50	.50	....
Little Jock Hybrids. The compact plants produce a multitude of pretty fringed flowers, about an inch across, in varied tints of pink, rose and white, mostly with a deep zone, and quite 50% of them are double.....	.50	....

DIANTHUS BARBATUS—Continued

	Trade pkt.	Oz.
Scoticus Double Special Florist Strain. Self colors of various tints of pink, rose, salmon and white and the same colors in combination with a bright crimson zone. Stems 12 to 15 inches. Blooms 1½ to 2 inches. Free flowering.....1/16 oz., $1.00	$0.50	....
Spring Beauty. Double giant-flowered carnation-like in form and size and with a beautiful color range. Very fragrant.....¼ oz., 80c	.35	$2.80
Single Mixed.....¼ oz., 40c	.15	1.40
Double. Fine mixed.....¼ oz., 80c	.35	....
Double Early-Flowering. Dwarf Mixed..¼ oz., $1.00	.35	....
Semperflorens. Double and Semi-Double Mixed.....¼ oz., 60c	.30	2 20
Vaughan's Special Mixture.....¼ oz., 90c	.35	3 20

DIANTHUS—SORTS

Allwoodii. × 18 in. Alpinus. Mixed colors. Glossy leaves, large flowers various shades of pink and rose.....⅛ oz., 65c; ¼ oz., $1.20	.35	....
Arenarius. Sand Pink. Small white fringed. 8 in. ¼ oz., 80c	.25	....
Barbatus × Chinensis, Mixed (Annual Sweet William). Blooms from seed the first year.....¼ oz., 35c	.20	1.20
Caesius (Cheddar Pink). × Dense tufts of glaucous blue foliage and large fragrant rose-colored flowers.....¼ oz., 65c	.25	2.20
Delight. There is a bewildering range of colors, from the palest pink down to the deepest purple; the predominating shades are velvety rich reds; many have the eye of a Sweet William.....	.35	....
Deltoides Erecta Red.....⅛ oz., $1.00	.35	....
Major Stern's Variety. Bright crimson, dark foliage.	.50	....
Mixed. Fine for rock gardens.....	.35	....
Knappi. Clusters of clear golden yellow flowers appear above the grassy green foliage.....1/16 oz., $1.20	.50	....
Loveliness. Large laciniated petals of a most exquisite mauve pink, but the most fascinating of all is their delightful fragrance.....⅛ oz., $1.20	.50	....
Sweet Wivelsfield Single mixed. Especially adapted for perennial borders and rock gardens. Excellent cut flower. 1 ft.....¼ oz., 35c	.20	1.20
Best Rock Work Species Mixed ×.....¼ oz., 80c	.25	2.80
Winteri. A Pink of striking beauty. Single, bold form, delightful pure colors, fragrant, blooms from seed first year. Compact habit, 9 in., ⅛ oz., $1.25	.50	....

DIANTHUS PLUMARIUS

DICTAMNUS Fraxinella (Gas Plant)

MYOSOTIS Blue Eyes

DIGITALIS Shirley Hybrids

Seeds of Biennials and Hardy Perennials

		Tr. pkt.	Oz.
Dicentra Eximia (Plumy Bleeding Heart). Dwarf. 12 in.	¼ oz., 80c	$0.35	$3.00
Dictamnus Fraxinella (Gas Plant). Pink flowers with dark veins, 30 in.	¼ oz., 50c	.25	1.75
Fraxinella Albus. White, 30 in.	¼ oz., 50c	.25	1.75
Mixed	¼ oz., 50c	.25	1.75

DIGITALIS (Foxglove)

Hybrida Lutzii. Salmon hybrids. 4 ft.	¼ oz., 70c	.25	....
Gloxiniaflora. Mixed, spotted flowers, 4 ft.	¼ oz., 50c	.25	1 60
Purple		.25	....
Rose	¼ oz., 50c	.25	....
Shirley Hybrids. Mixed. Enormous flowers, rich mixture, 6 to 7 ft.	¼ oz., 60c	.25	2.20
Grandiflora. Chrome-yellow. Marked with brown. (Ambigua), 36 in.	⅛ oz., 60c	.25	....
Nevadiensis. It is a small flowered species, long lived and exceedingly floriferous. Blooms are creamy yellow, carried in long graceful wand-like spikes, all blooms drooping on one side		.35	....
Vaughan's Special Mixture	¼ oz., 60c	.25	2.00

FORGET-ME-NOT × (Myosotis)

Alpestris Blue Eyes. Bright blue with white eye, large, early flowering	¼ oz., $1.40	.35	4.80
Indigo Blue (Royal Blue). 12 in.	¼ oz., 95c	.35	3.20
Blue Compacta. Deep blue.	⅛ oz., 90c; ¼ oz., $1.60	.35	6.00
Rosea. 12 in.	¼ oz., 80c	.25	2.80
Stricta. Blue Bouquet. A compact, upright grower of the pillar or column type, completely smothered with flowers of bright blue. 1 ft.	⅛ oz., 60c	.35	3.60
Victoria. Dwarf globular strain. 8 in.: Sky-blue. Excellent variety	¼ oz., $1.40	.35	....
Vaughan's Early Blue Bird. An extra early flowering strain of Blue Bird type and color. Should be used exclusively for cutting and valuable for pots or bedding	¼ oz., 85c	.35	3.00

Echinops (Globe Thistle) Ritro. Showy thistle like plants with globular heads of deep metallic blue flowers, which can be dried as everlastings. Grow in clumps in full sun	¼ oz., 60c	.25	2.00
Erinus × Alpinus. Purple, for borders, 6 in.		.50	....

		Trade pkt.	Oz.
Eryngium Amethystinum. True amethyst-blue thistle with amethyst stems and bracts. Fine for cutting, 3 ft.	¼ oz., 70c	$0.25	$2.40
Giganteum. Silver Thistle. Greenish white		.50	....
Planum. Cornflower blue, globular heads, 4 ft.		.50	....
Euphorbia Corollata (Wild Baby's Breath). Resembles Gypsophila but the flowers are larger and more pronouncedly white. Blooms in midsummer. Valuable for bouquets. Leaves turn a rich wine color in fall. Will stand any amount of drought. 2 ft.	¼ oz., $1.00	.35	3.60
Myrsinites. A prostrate plant with beautiful bluish foliage, heads of yellow flowers. Spring 3 in.	⅛ oz., $1.00	.35	....
Polychroma. The flowers are bright yellow changing to a rosy bronze. 15 to 18 in.	1/16 oz., $1.00; ⅛ oz., $1.80	.50	....

GAILLARDIA Grandiflora

Burgundy. Self colored wine-red, 2½ in. in diameter, on long stiff stems, from June until fall. Comes 60% to 70% true, 30 in.	¼ oz., 65c	.25	2.20
Dazzler. Large flowers, bright golden yellow with rich maroon-red center. 3 ft.	¼ oz., 50c	.25	1 80
Goblin. Very compact globular plants, red and yellow bicolor	¼ oz., 65c	.25	2.02
Monarch Strain. A robust strain very varied in coloring and with flowers of giant size and perfect form	¼ oz., 50c	.25	1.80
Portola Hybrids. The flowers are very large, of great substance. Color a brilliant scarlet with copper hue. Petals heavily tipped with golden yellow. 2½ to 3 ft.	¼ oz., 50c	.25	1.80
Sungod. The full circular flowers are of a rich golden yellow without a trace of any other color. The large self-colored blooms supported by stout stems above the pale green foliage	¼ oz., 75c	.35	....
Tangerine. Vivid tangerine orange	¼ oz., 50c	.25	1.80
The King Regalis. Deep red, edged gold, large flowers	¼ oz., 50c	.25	1.80
Torchlight. Bright golden yellow, rich maroon center. 2 ft.	¼ oz., $1.00	.25	....

Rock plants are followed by ×, and the heights given are of the plants when in bloom.

GAILLARDIA Grandiflora Portola Hybrids

GEUM Mrs. Bradshaw

GERBERA Jamesoni Flowerland Strain

Seeds of Biennials and Hardy Perennials

Gas Plant, see Dictamnus.

	Trade pkt.	Oz.
Gerbera Jamesoni. New Flowerland strain. A popular greenhouse forcing perennial plant, fine for cutting. New seed is always available, as it is harvested at intervals during the year. 100 seeds, 45c; 500 seed $1.75; 1000 seeds, $3.00	....	....
Geum. Lady Stratheden (Golden Ball). The blooms are large double rich golden yellow. 2 ft. ¼ oz., 60c	$0.25	$2.00
Mrs. Bradshaw. Large double fiery orange red. 2 ft. ¼ oz., 60c	.25	2.00
Orange Queen. Large double orange-scarlet. 2 ft. ⅛ oz., 65c; ¼ oz., $1.20	.35	4.00
Prince of Orange. True orange. ⅛ oz., 85c	.50	....
Mixed. ¼ oz., 65c	.25	2.20
Gypsophila Mangini. A splendid florist cut flower, strong growing "Pink Baby's Breath." 2 ft. ¼ oz., 60c	.25	2.00
Oldhamiana. Great tangles of airy, misty blooms in pink shades. The florets are slightly more than a quarter of an inch in diameter and possess a white throat. Blooms in fall. The foliage is silvery overcast. ¼ oz., 65c	.25	2.20
Pacifica. Starry pink blossoms on branching panicles. Good cut flower. Sept. and Oct. 4 ft. ¼ oz., 80c	.25	2.80
Paniculata Snow-White Double. Pure white double strain. 2 ft. ¼ oz., $1.25	.50	4.40
Paniculata White. Small single white flowers in great profusion, useful for cutting. 40 in. ¼ lb., $1.60	.15	.50
Repens × White flowers, trailer, good border or rock plant. 6 in. ¼ oz., 60c	.25	2.20
Rosea. Pink. ¼ oz., 70c	.25	2.40
Helenium Bigelowi. Yellow dark disc, for cutting. 20 in. ¼ oz., $1.20	.35	4.00
Riverton Gem. Flowers open as old gold and terra-cotta changing to wallflower red. 3½ ft. ¼ oz., $1.20	.35	4.00
Helianthemum × Mutabile. Mixed Colors. (Rock Rose.) Low-growing evergreen plants forming large clumps, completely covered with bloom during July and August. 8 to 12 in. ¼ oz., 40c	.20	1.40
Heliopsis Laevis Pitcheriana. Deep golden yellow flowers, 2 in. in diameter, very thick texture. Good cut flower. 4 ft.	$0.35	....
Hesperis Matronalis Mixed. (Sweet Rocket.) Sweet scented purple and white flowers.	.25	....
Heuchera × Sanguinea Splendens. Bright vermilion 1/16 oz., $1.20	.50	....
Sanguinea Hybrida Mixed. 1/16 oz., $1.00	.35	....
Hoodacres Hybrids. Very vigorous and prolific. The bells much larger than other sorts. The bloom stalks are tall; some have the habit of blooming twice in a season. Wide range of color shades.	1.00	....
Hibiscus Crimson Eye. White with red eye. 4 ft. ¼ oz., 35c	.20	$1.20
Jumbo Red. Special selection made to improve color and size of Mallow Marvels Red. ¼ oz., 50c	.25	1.80
Mallow Marvels. Mixed. 4 ft. ¼ oz., 35c	.20	1.20
Red. ¼ oz., 35c	.20	1.20

GYPSOPHILA Oldhamiana

Rock plants are followed by ×, and the heights given are of the plants when in bloom.

HOLLYHOCK Chater's Double Mixed

HIBISCUS

LINARIA Dalmatica

Seeds of Biennials and Hardy Perennials

Hollyhocks. Double.

Appleblossom
Chamois (Buff yellow)
Crimson
Deep Salmon Red
Lilac Beauty
Maroon
Deep Rose (Carmine rose)
Newport Pink
Purple Robe
Salmon Rose
Scarlet (Blood Red)
White
Yellow

	Trade pkt.	Oz.
Each of above ¼ oz., 50c	$0.30	$1.50

Write for special prices on larger amounts.

Chater's Prize. Double mixed ¼ oz., 50c	.30	1.50
Palling Belle. Lovely silvery pink flowers. ¼ oz., 65c	.35	2.20
Special Double Black ¼ oz., 65c	.35	2.20
Imperator, Improved ("Begonia Flowered" Crested Mixed). Collar of frilled and fringed edges ¼ oz., 55c	.30	1.80
Triumph. Double waved and fringed flowers in delicate art shades ¼ oz., 50c	.30	1.50
Vaughan's Special Mixture includes all Doubles, Imperator, Triumph and Allegheny ¼ oz., 50c	.30	1.80
Single mixed	.25	.75
Allegheny. Mammoth-flowering. Semi-double flowers. Mixed ¼ oz., 25c	.15	.70
Everblooming Double Hybrids, mixed. If sown early will bloom first year ¼ oz., 40c	.25	1.20
Indian Spring. It produces flowers of varying attractive bright rose and rosy carmine shades. Double and semi-double. Blooms from seed first year if sown early ¼ oz., 50c	.25	1.60
Hyacinthus Candicans. 3 ft. Large snowdrop-like flowers in long racemes	.20	.60
Iris Dichotoma, August or Vesper Iris. Fragrant flowers on tall branching sprays. In bloom from July to early September. Variable in color, cream to violet purple with markings of buff, orange, copper, brown, mahogany, and rose. Sow seed in early spring while soil is cool. Usually a fair proportion will bloom the first summer ¼ oz., 65c	.35	2.20
Kaempferi. Mixed. Most seedlings bloom the second year. 18 in ¼ oz., 40c	.25	1.40
Isatis Glauca. (Golden Gypsophila). Foliage silvery gray-green. Clouds of fine yellow flowers in July. 2 ft. ¼ oz., 60c	.35	....
Kenilworth Ivy × (Linaria Cymbalaria). Pretty trailing variety. Pink	$0.35	....
Lathyrus Latifolius (Everlasting Pea). Mixed ¼ oz., 30c	.20	$1.00
Latifolius Pink Beauty. Large racemes of pleasing deep rose flowers. 6 ft ¼ oz., 30c	.20	1.00
Red. Magenta. 7 ft ¼ oz., 30c	.20	1.00
White Pearl. Lovely sprays of large sweet pea-like flowers, each spray having 12 to 15 blooms. In flower all summer. 5 ft ¼ oz., 30c	.20	1.00
Lavandula Vera. Munstead Strain. Large sweet-scented flowers in abundance. It flowers a month earlier than the common Lavender; height not exceeding 1 foot, an improved Vera ¼ oz., $1.00	.35	....
Vera (True) ¼ oz., $1.00	.35	....
Liatris Pycnostachya. Long spike of brilliant rose-purple flowers. Aug. to Oct. 4 ft. ¼ oz., 75c	.30	2.80
Spicata (Blazing Star). Purple rose, 20 in. ¼ oz., 80c	.35	3.00
Scariosa. Violet-purple. 4 ft. ¼ oz., $1.00	.35	....
Alba. Is stocky, almost bushy and has several full flowering stalks growing about 2½ ft. high. The flowers are attractive white pompons thickly studding the main stalk as well as the branches ¼ oz., $1.50	.50	5.50
Linaria Cymbalaria, × Pink. 3 in.	.35	....
Dalmatica. Lemon yellow. 3 ft. ¼ oz., 60c	.35	....
Macedonica Speciosa. Nymph. Creamy white. 36 in.	.35	....

Lilies

Culture on Lilies from seed sent free with order.

Concolor. Erect fiery scarlet with dark red spots ¼ oz., 65c	.25	2.20
Creole × White Queen Hybrid. A lovely addition to this popular family. The flowers are pure white, longer and larger trumpets of much more substance than White Queen 100 Seeds $1.00	...	....
Formosanum Giant White. ⅛ oz., $1.00; ¼ oz., $1.75	.50	6.50

Rock plants are followed by ×, and the heights given are of the plants when in bloom.

LILIUM Longiflorum Praecox White Queen

LOBELIA Cardinalis

LUNARIA Biennis

Seeds of Biennials and Hardy Perennials

LILIES—Continued

Longiflorum Praecox White Queen. Produces blooms of the well known Erabu type in from 12 to 15 months after sowing. Long trumpet flowers of clear white. ½ trade pkt., 60c; trade pkt., $1.00; ⅛ oz., $1.75 ¼ oz., $3.20; oz., $12.00.

		Trade pkt.	Oz.
Regale. The large, trumpet-shaped flowers are snowy white, with a pure yellow center, while the exterior of the petals is slightly tinged pink. It is a strong grower, attaining the height of three or four feet. The flowers are beautiful, possessing a delightful fragrance. 3 to 5 feet	¼ oz., 35c	$0.20	$1.20
Tenuifolium (Siberian Coral Lily). Flowers dazzling coral red flowers up and down the stem. 20 in.	¼ oz., 40c	.25	1.40
Golden Gleam. Pure golden yellow form of the above	¼ oz., 75c	.35	2.80
Linum Alpinum. × Pale blue. Prostrate habit		.50	....
Perenne (Perennial Flax). Very pretty pale blue flowers on slender stems. 30 in.		.15	.50
Flavum. Fine variety with transparent yellow flowers. 1 to 2 ft	¼ oz., 75c	.25	....
Compactum Nanum. × Glowing golden yellow, dark green foliage. Everbloomer, 6 in	1/16 oz., 70c	.35	....
Narbonense. Azure blue, flowers with white eye, graceful habit. 30 in	¼ oz., 75c	.35	2.60
Heavenly Blue. The flowers are twice as large as the common Linum perenne. The color is a luminous ultramarine blue	⅛ oz., 65c; ¼ oz., $1.10	.35	....
Lobelia Cardinalis (Cardinal Flower). Rich, fiery cardinal flowers. 36 in.	¼ oz., 80c	.25	2.80
Cardinalis Superior Selection		.50	....
Syphilitica. (Great Blue Lobelia). Blue Flowers streaked with white. 24 in		.35	....
Lunaria Biennis. (Honesty). Lilac purple flowers, silvery pod	¼ oz., 35c	.25	1.20

		Trade pkt.	Oz.
Lupinus Polyphyllus.			
Albus. Large, pure white spikes. 2 to 3 ft.	¼ oz., 30c	$0.20	$1.00
Carmineus. Carmine shades	¼ oz., 80c	.35	3.00
Coeruleus Blue	¼ oz., 30c	.20	1.00
Roseus. Very pretty rose shades. 3 ft.	¼ oz., 80c	.35	3.00
Downer's Hybrids. Perpetual flowering hybrids	¼ oz., 50c	.25	1.60
Russell. A marvelous selection of Perennial Lupins. Most unusual colors and color combinations; some flowers are self colors and many bicolors, the standard being of one color and the keel of another. The flowerettes are much larger than the other Polyphyllus varieties. Grown from originator stock seed	¼ oz., 60c; ¼ lb., $6.00; lb., $20.00.	.35	2.00
Sunshine Arborous type. Light yellow	¼ oz., 40c	.25	1.40
Vaughan's Special Mixture. This is a choice mixture of the best perennial Lupins	¼ oz., 30c	.20	1.00
Lychnis Chalcedonica Salmon Queen. Beautiful salmon shade. 3 ft	¼ oz., 60c	.25	2.00
Chalcedonica. Vivid scarlet flowers. 36 in.	¼ oz., 40c	.25	1.40
Haageana Scarlet. Large brilliant orange scarlet flowers. 18 in.	¼ oz., $1.00	.35	....
Viscaria Splendens. Early, deep rose, 16 in.		.35	....
Lythrum Roseum Superbum. Rose-purple in spikes. A good border plant. 40 in.	¼ oz., 50c	.25	1.80
Superbum, The Beacon. Excellent for moist or wet locations in the border. An English introduction of merit, produce 12 or more 3-foot upright spikes of clear rosy red which last a month or more, and are also good for cutting	¼ oz., 75c	.35	2.50

Matricaria. (Feverfew). Double Select White (Ball's Double White). This is the one and only fully double-flowering pure white strain of Feverfew from seed. It is 98% true to this description. 18 in. grown outside, 2 to 3 ft. when grown under glass. Trade pkt., 35c; ⅛ oz., $1.00; ¼ oz., $1.75.

		Trade pkt.	Oz.
Matricaria Golden Ball. Striking double golden yellow. 8 in.	¼ oz., 60c	$0.25	$2.00
Snowball. Double white. 8 in.	¼ oz., 60c	.25	....

Rock plants are followed by ×, and the heights given are of the plants when in bloom.

LUPINUS Polyphyllus
Russell Mixture

MATRICARIA Double Select White

PENSTEMON

	Trade pkt.	Oz.
Myosotis. See Forget-Me-Not.		
Native Wild Flowers. Mixed.....¼ oz., 60c	$0.25	$2.20
Nepeta Mussini. × Neat bushes of small lavender-like foliage covered with terminal spikes of lavender-blue flowers, both foliage and flowers aromatic. 1 ft.....¼ oz., 90c	.25	....
Nierembergia Hippomanica (Coerulea). × The lovely lavender-blue flowers, heightened by a touch of yellow in the center, are most charming. Plants are compact, not over 5 or 6 inches tall. As an edging plant it is unexcelled, and it makes a splendid pot plant. It is a half hardy perennial which will winter over if given some protection.....1/32 oz., $1.00; 1/16 oz., $1.75	.50	....
Coerulea, Purple Robe. Similar to Nierembergia Hippomanica, except several shades deeper blue or violet-blue in color, from which it was selected.....1/32 oz., $1.65; 1/16 oz., $3.00	.50	....

ORIENTAL POPPIES

	Trade pkt.	Oz.
Oenothera. Lamarkiana. Large yellow flowers on long spikes, 2 ft.....$0.15		$0.50
Macrocarpa (Missouriensis). Large yellow flowers, fine trailer, June-Sept. 12 in.....⅛ oz., $1.00	.25	....
Pentstemon. Digitalis. White tinted violet. 36 in. .....¼ oz., 80c	.30	....
Grandiflorus. Excellent, easily grown, long lasting cut flower. Lavender-blue. 3 ft.....¼ oz., $1.00	.30	3.60
Pubescens. Violet-purple, lips white. 18 in.....	.35	....
Perennial Varieties. Mixed..⅛ oz., 65c; ¼ oz., $1.10	.35	....

POPPY

Cut newly opened flowers either early in the morning or in the late evening and immediately (within five minutes of cutting) burn the ends of the stems at the gas range or electric range for a depth of two inches. Burn them well until the ends are charcoal and glow red when taken from the fire. Then put them in fresh water and your Poppies will last from three days to a week in the house, or you can put them in full sun and they will stand up two or three days, or until the petals drop, without wilting.

	Trade pkt.	Oz.
Papaver Nudicaule × (Iceland). Amurense "Yellow Wonder." Large flowers of buttercup-yellow are freely produced on stems 25 inches long. Foliage is glaucous, covered with short hairs.....⅛ oz., 50c; ¼ oz., 90c	$0.25	$3.20
Coonara. Salmon, pink and rose shades. 1½ ft.....¼ oz., 65c	.25	2.20
The Empress. Flower large, full, well formed, with broad overlapping petals, deeply fluted or wrinkled. The colors range through lovely shades of salmon-rose and creamy pink.....¼ oz., 70c	.25	....
The Emperor. Large-flowered, orange, long-stemmed.....¼ oz., 70c	.25	2.40
Gartford Giant Art Shades. This mixture is an excellent strain with exceptionally fine large flowers, beautifully fluted and soft textured, carried on extremely long heavy, wiry stems. The color range includes lovely pastel shades. ¼ oz., 65c	.25	2.20
Kelmscott Strain. The best strain, strong wiry stems when well grown, 3 ft. long, large flowers in great variety of beautiful colors.....⅛ oz., 60c; ¼ oz., $1.00	$0.35	$3.60

Rock plants are followed by ×, and the heights given are of the plants when in bloom.

PRIMULA Veris Monarch Strain

PHYSALIS Franchetti Gigantea

SINGLE PYRETHRUM
Robinson's Giant Hybrids Mixed

Seeds of Biennials and Hardy Perennials

PAPAVER Nudicaule—Continued	Trade pkt.	Oz.
Red Cardinal. 12 in. Brilliant cardinal red. ¼ oz., 65c	$0.25	$2.20
Sanford's Giant Hybrids. The flowers are immense, 2½ to 3 inches in diameter. The color balance is excellent. The stems longest we have seen. Extremely free-flowering. 2 ft. ¼ oz., 65c	.25	2.20
Vaughan's Special Mixture of Iceland Poppies, containing every worthwhile strain of these beautiful and useful Poppies ¼ oz., 80c	.25	2.80

ORIENTAL POPPY

The named varieties of Oriental Poppies do not come entirely true from seed.

Orientale (Oriental Poppy). Scarlet. 3 ft. ¼ oz., 55c	.25	2.00
Brilliant. Brilliant fiery red. 40 in. ⅛ oz. 80c	.35	....
Beauty of Livermere. Oxblood-red with dark blotch ¼ oz., $1.20	.35	4.00
Mahony. Maroon-crimson. 40 in.	.35	....
Mrs. Perry. Salmon-rose ⅛ oz., $1.00	.35	....
Perry's White. White flowers with a tinge of blush.	.50	....
Princess Victoria Louise. Flowers rather small, resembling a large tulip; perfect form; light orange-salmon. 40 in. ⅛ oz., $1.00; ¼ oz., $1.80	.50	....
New Oriental Hybrids. From a collection of new named sorts ¼ oz., $1.00	.35	3.50
Vaughan's Special Mixture ¼ oz., $1.00	.35	3.50
Phlox. Divaricata. Flowers are of royal blue-lavender which varies a bit. Fragrant. 1¼ ft. ⅛ oz., 80c; ¼ oz., $1.50	.35	....
Physalis Franchetti Gigantea (Chinese Lantern Plant). Large bright orange scarlet pods, useful for winter decorations	.50	....
Physostegia Virginica Rosy Spire. Three to six foot spikes of large tubular rich rose colored flowers. ⅛ oz., 80c; ¼ oz., $1.50	.50	....
Platycodon Grandiflorum. Blue, 28 in.	.35	....
Grandiflorum. Album. White, 28 in.	.25	....
Mixed, 28 in.	.30	....
Mariesii. Dark blue, dwarf. 16 in. ¼ oz., 80c	.25	3.00
Alba. White and faint blue, dwarf. 16 in. ¼ oz., 80c	.25	3.00

	Trade pkt.	Oz.
Polyanthus (See Primula Veris).		
Potentilla Warrensi. A lovely plant for the sunny hardy border. Covered with large, pure yellow blossoms all summer. Suitable for cutting. 2 ft. ⅛ oz., 50c	$0.25	....
Formosa × Cherry-red. 12 in. ⅛ oz., 50c	.25	....

PRIMULA

Auricula. × Extra Large Flowered. Mixed, 6 in. ⅛ oz., $1.80; ¼ oz., $3.20	.75	....
Bulleyana. Flowers yellow, bud terra-cotta	.50	....
Florindae. Fragrant, bright yellow pendent flowers. 3 to 4 ft. 1/16 oz., $1.00	.50	....
Japonica Mixed. Bright flowers borne in whorls on stems 6 to 9 in. long	.50	....
Japonica. × Special Strain. Mixed. 20 in. 1/16 oz., 85c	.50	....
Deep Red, new	1.00	....
Officinalis, Cowslip, yellow. 10 in. ⅛ oz., 75c	.35	....

PLATYCODON

Rock plants are followed by ×, and the heights given are of the plants when in bloom.

SALVIA Azurea Grandiflora (Pitcheri)

STOKESIA Cyanea

VALERIANA Garden Heliotrope

Seeds of Biennials and Hardy Perennials

PRIMULA—Continued	Trade pkt.	Oz.
Rosea. Great clusters of sparkling rosy carmine above, glossy foliage $0.75	....	
Sieboldii. The large rich green leaves are crinkled and scalloped and the upright stems bear a quantity of large brightly colored flowers in April and May. 9 in. They also make splendid pot-plants for the cold greenhouse. They vary from pure unmarked white, through the palest pink and deep lavender to cerise. Require partial shade and cool leaf soil ..... 1/16 oz., $1.00	.50	...
Veris Giant Crimson	.75	....
Monarch Mixed. Is the result of years of selection to fix a strain free from objectionable loose headed plants. The flowers are produced from a stiff and strong central stem. Strong and vivid colors are in majority, but soft art shades occur in sufficient number to create a perfect blend of colors.. 1/4 oz., $5.00	.75	....
Grandiflora. Mixed ..... 1/8 oz., $2.25	.75	....
Giant Bouquet. A magnificent development of this old garden favorite, the flowers being of exceptional size, often 2 inches across. They are produced in great numbers and display an immense variety of coloring from white to cream, yellow, scarlet, purple and crimson. Borne on strong stems they are excellent for cutting, as well as making a splendid show in the garden..... 1/16 oz., $2.40	1.00	....
Giant Munstead strain. Light shades ..... 1/16 oz., $1.20; 1/8 oz., $2.25	.75	....
Vulgaris. × True. Yellow Primrose. 6 in ..... 1/8 oz., $1.00; 1/4 oz., $1.75	.50	....

PYRETHRUM (Painted Daisies)

Roseum. James Kelway. Deep scarlet varies.....	.75	....
Single mixed ..... 1/4 oz., $1.75; 1/8 oz., $1.00	.50	$5.50
Robinson's Giant Hybrids. Mixed..... 1/8 oz., $1.85	.75	....

Rock Plants. Perennial Mixed ..... 1/4 oz., 60c	.25	2.00
Rudbeckia Hirta Herbstwald (Autumn tints). Well formed, large starflowers in yellow, bronze and brown shades on long, firm stems ..... 1/4 oz., 40c	.25	1.40
Purpurea (Echinacea). 4 ft ..... 1/4 oz., 85c	.25	2.80

	Trade pkt.	Oz.
Salvia Azurea Grandiflora (Pitcheri). Tall growth and long stalks. The deep blue flowers in long racemes ..... 1/4 oz., 60c	$0.25	$2.00
Patens. Very large flowers, splendid blue, free bloomer ..... 1/4 oz., $1.40	.50	5.00
Saponaria × Ocymoides Splendens. Rosy pink. Pretty border or rock plant ..... 1/4 oz., 65c	.25	2 20
Scabiosa Caucasica Alba. Pure white. 40in. 1/4 oz., $1.00	.35	3 60
Caucasica Perfecta. Lavender. Improved form, fringed flowers, very large and beautiful..... 1/4 oz., 65c	.30	2.40
House's New Hybrids. Flowers very large and of beautiful form, ranging in color from light azure-blue and lavender to deep blue and silvery white ..... 1/4 oz., 90c	.35	3.20
Goldingensis. Large flowers, waved petals, small center, deep lavender ..... 1/4 oz., $1.00	.35	....
Vaughan's Special Mixture. All the above Caucasica types ..... 1/4 oz., 90c	.35	3.20
Sidalcea Rose Queen. Splendid rose flowers. 1/4 oz., 65c	.25	2.20
New Hybrids. Mixed	.25	....
Silene Schafta. × Bright pink, trailing habit, July. 8 in. ..... 1/4 oz., 65c	.25	2.20
Statice Latifolia. Small lavender-blue flowers in large panicles. 1 ft ..... 1/4 oz., 60c	.25	2.20
Caspia. Tender lilac color. See illustration. 30 in. ..... 1/4 oz., 75c	.25	....
Dumosa. Dense cushions of pure silver-gray flowers; an improved Tatarica. 30 in ..... 1/4 oz., 85c	.35	3.00
Stokesia Cyanea (Stoke's Aster). Large blue flowers, dwarf habit, beautiful late bloomer.... 1/4 oz., 80c	.35	2.80
Cyanea Alba. Blush white variety. 16 in ..... 1/8 oz., $1.00	.35	....
Sweet William. See Dianthus Barbatus.		
Thalictrum (Meadow Rue). Dipterocarpum. Lovely mauve flowers in large panicles, most charming for cutting. 4 to 5 ft ..... 1/8 oz., $1.00	.50	....
Thermopsis Caroliniana. Yellow pea-shaped flowers in long racemes. 3 ft ..... 1/4 oz., 65c	.25	2.20
Montana. Dwarf. Pale yellow. 1 1/2 ft... 1/8 oz., 70c	.35	....

Rock plants are followed by X, and the heights given are of the plants when in bloom.

Seeds of Biennials and Hardy Perennials

STATICE Caspia

	Trade pkt.	Oz.
Tritoma Hybrida, Perpetual-Flowering. Mixed. 3 ft. ¼ oz., 65c	$0.25	$2.20
Hybrida Mirabilis. Blooms first year from seed ¼ oz., 65c	.25	2.20
Miracle Mixture. Best of all ¼ oz., 85c	.30	3.00
Pfitzer's Hybrids. Large brilliant red. ¼ oz., 65c	.25	2.20
Trollius (Globe Flower) Ledebouri. Late-flowering, large orange-yellow flowers. 2 ft.	.50	....
Ledebouri Golden Queen. Large flowers, petals golden orange, yellow anthers. 3 to 4 ft. ⅛ oz., $1.40	.50	....
Mixed ¼ oz., $1.20	.50	....
☞Soak Trollius seed in hot water 30 minutes before sowing.		
Tunica × Saxifraga. A very pretty tufted plant with light pink flowers produced all summer ¼ oz., 65c	.35	2.20
Valeriana Alba white (Garden Heliotrope). 36 in. ¼ oz., 65c	.25	....
Rubra (Coccinea). Purple rose. 36 in. ¼ oz., 65c	.25	2.20
Mixed ¼ oz., 65c	.25	....
Officinalis. Heads of rose-tinted white flowers with strong heliotrope odor. June-July. 4 ft. ⅛ oz., 80c	.35	....
Verbascum Miss Willmott. Large yellowish white flowers. 5 ft. ¼ oz., 50c	.25	....
Harkness Hybrids. Immense spikes of pure yellow, tall vigorous habit, splendid variety. 7 ft. ⅛ oz., 50c	.25	$2.00
Olympicum. Silvery foliage, golden yellow flowers. 6 ft. ¼ oz., 90c	.35	....
Phoeniceum Hybrids. Mixed. Graceful spikes in various shades. 2 ft. ¼ oz., 80c	.35	....
Verbena Bonariensis. Upright growing, slender branched stems, numerous terminal umbels of rosy lavender flowers. Germination takes full six weeks unless sown in a temperature of 75 degrees. 3 to 4 ft. ¼ oz., 50c	.25	1.60
Veronica. Incana (Candida). Ageratum-blue, silvery foliage. 12 in. ¼ oz., $1.00	$0.35	....
Longifolia (Maritima). Compact clusters of blue flowers. 30 in.	.35	....
Spicata. Various shades. 1½ ft. ¼ oz., 80c	.35	....
Blue Fay is larger growing than ordinary Spicata, being sort of midway between that and Longifolia subsessilis. It has the shiny foliage instead of glaucous and the color is a good bright blue, with good spikes ¼ oz., $1.20	.35	$4.00
Perennial. Mixed	.50	....

Viola

In most cases the true Violas are a better bedding subject than many Pansies.

	Trade pkt.	Oz.
Cornuta Apricot. Tinted orange at base ⅛ oz., $1.00	$0.50	....
Arkwright Ruby. Bright ruby crimson, with central markings; velvety; fragrant ⅛ oz., $1.20; ¼ oz., $2.20	.35	$8.00
Avalanche. Giant pure white 1/16 oz., $1.80	.50	....
Bizarre. The two upper petals being pure violet-purple and the lower three clear apricot	.50	....
Blue Beauty. Bright blue, early, free flowering	.50	....
Blue Butterfly. Mid-blue shading to white. Resembles Pansy Beaconsfield ¼ oz., $1.20	.35	4.00
Blue Perfection. Light blue, large flowered. 8 in. ¼ oz., 85c	.35	3.00
Chantreyland. Masses of beautiful flowers in rich apricot shade, tinted orange ¼ oz., $1.70	.50	6.00
Chinese Blue is a round-faced type of Viola. Chinese Blue, according to the Royal Horticultural Chart, is French Blue. It is the nearest substitute to the famous Viola Maggie Mott ⅛ oz., $1.00	.50	....
Ilona. Wine-red	.35	....
King Henry. Rich violet blue lavender center with small yellow eye ⅛ oz., $1.00	.50	....
Lutea Splendens. Chrome yellow. 8 in. ¼ oz., 85c	.35	3.00
Papilio. Blue and white. 6 in. ¼ oz., 85c	.35	3.20
Puck. Upper petals purple-velvet, lower clear yellow ⅛ oz., $1.00	.50	....
W. H. Woodgate. Violet-purple, large, round flowers	.75	....
Yellow Gem. Compact habit, clear yellow flower ¼ oz., 85c	.35	3.00
White Perfection. White. Large flowered. 8 in. ¼ oz., $1.25	.35	4.00
Vaughan's Special Mixture. The bright shades of self colors of red, yellow, blue and apricot, combined with many shades which are blotched, undoubtedly make these Violas a supreme mixture ¼ oz., $1.20	.35	4.00
Large Flowering Scotch. This strain will have large flowers. The color range is from white through all intermediate shades to purple all with two tone effect without blotches	.50	....
Baby Delight. Early flowering, blooming in 70 days from seed. Makes compact bushy growth. The flower is lovely light blue, with a pleasing "face," about one inch in diameter ¼ oz., $1.30	.35	4.80

Rock plants are followed by ×, and the heights given are of the plants when in bloom.

Seeds of Biennials and Hardy Perennials

Viola—Various Types

	Trade pkt.	Oz.
Blue Elf. 9 in. The upper petals are deep violet blue, lower petals light violet blue with gold eye and black lines radiating from center, small dark green foliage. Seed sown in March will begin blooming in June and continue to August..... ..... 1/8 oz., $1.65; 1/16 oz., $1.00	$0.50	....
Florariense. Beautiful lavender..... 1/16 oz., $1.00	.50	....
Johnny Jump Up. Little Pansy faces of purple, blue and yellow..... 1/8 oz., 80c; 1/4 oz., $1.50	.35	.....
Jooi. (Jewel Violet). In full flower by early April, before its own leaves appear. It is then a cushion mound of pink lilac, hundreds of blossoms in a veritable color-turf of their own making. Usually blooms again in autumn.....	.50	....
Nigra (Bowles Black Pansy). Interesting and attractive little pansy, pretty small black flowers..... ..... 1/8 oz., $1.00	.50	....

Annual Wallflowers

Their deliciously scented flowers are a worthwhile early Spring crop when grown in a limited way. Seed sown in September and benched in due course will flower about mid-February on to April. They like rich soil and a temperature of 45 to 50 degrees.

Double Annual "Early Wonder." This remarkable Wallflower comes into bloom within five months from sowing. These must be grown in 4-inch flats; they do not like too much root room. 2 ft.

	Trade pkt.	Oz.
Double Annual Early Wonder, Mixed... 1/4 oz., 60c.	$025	$2.00
Single Parisian Forcing, mixed. 15 in.....	.20	.80
Annual Blood-Red.....	.15	.70
Yellow, 20 in.....	.15	.70

	Trade pkt.	Oz.
Yucca Filamentosa (Adam's Needle). Broad, sword-like evergreen foliage, immense branching spikes of drooping creamy white flowers..... 1/4 oz., 70c	$0 25	$2 40

VIOLA Cornuta. In Flower All Summer.

Rock plants are followed by X, and the heights given are of the plants when in bloom.

Bulbs for Mid-Summer and Early Fall

White Calla

(Aethiopica) Ready in September

Callas being natives of swampy regions grow to best advantage where there is an abundance of moisture, and are therefore very difficult to handle in the curing. Some growers practice **premature cutting off the tops**, expose bulbs to **the sun**, in order to make **early shipment.**

Our stock is **thoroughly cured in the ground** and **dried** carefully before they are packed. This means **later delivery** but better results can be obtained from such bulbs.

We caution forcers of Callas to water this stock sparingly after planting because Calla bulbs store up considerable moisture.

Size	Per 100	Per 1,000
1 1/4-1 1/2 inches.....	$11.00	$ 95.00
1 1/2-1 3/4 inches	19 00	165 00
1 3/4 inches and up.....	24.00	230.00

Yellow Callas

(Elliotiana)

Yellow callas are very attractive as pot plants. A few pots of this golden yellow flower placed in a display window draw much attention and sales. Grow a hundred and see how quickly they sell.

	Doz.	Per 100	Per 1,000
2-2 1/2 inch.....	$2.00	$14.50	$130.00
2 1/2-3 inch.....	3.50	24.00	225.00
3-3 1/2 inch and up.....	5.50	37.00	350.00

Freesias—California Grown

Freesia flowers still have brought good prices in all markets. Why not plant a few bulbs for your own trade? Start bulbs in flats carried in cold frames until killing frosts come, then bring them into the greenhouse and force for early flowers.

APOTHEOSE

One of the best varieties, very large robust flowers, opening deep mauve-lilac, turning to bright carmine-pink; white throat, tall, rigid stems, extra. 1/2 to 5/8 in., per 100, $2.00; per 1,000, $14.00.

Freesias—Continued

GOLDEN DAFFODIL

The yellow you must have with your planting of the White varieties. Color, clear, light yellow and orange blotch. Large flowers on strong, stiff stem. 1/2 to 5/8 in., per 100, $2.00; 1,000, $14.00.

ORCHIDEA

Very large open, perfectly shaped flowers of softest pearly-mauve with yellow throat. Long strong stalk. Per 100 Per 1000

1/2 to 5/8 in.....$2.00 $14.00

PURITY—TRUE STRAIN

Per 100 Per1, 000

1/2 to 5/8 in.....$2.00 $14.00

SCHROEDERS WHITE (Patented)

Pure white, sturdy grower with strong stems. 18 to 20 inch long. Per 100 Per 1000

1/2 to 5/8 in..... $2.50 $17.50

SUNSET

An entirely new color in Freesias being a flame orange, reminding you of the glorious sunsets of California. This variety was the greatest attraction in the field during the flowering season. Per 100 Per 1,000

1/2 to 5/8 in.....$2.00 $14.00

WHITE CHIEF (Early Giant White)

Brings 3 to 4 times the price of Purity on the Flower Markets. Stems average 18 to 30 inches long; single flowers 2 1/2 inches long. Per 100 Per 1,000

1/2 to 5/8 in.....$2.00 $14.00

RAINBOW MIXED

Per 100 Per 1,000

1/2-5/8 in.....$ 2.00 $14 00

Lilies

Place your order for Floridii, Creole, Harrisii, Croft and Shangri La now before they are all sold.

VAUGHAN'S PEONIES

5 of a Kind at the 10 Rate—30 of a Kind at the 100 Rate

WE HAVE an exceptionally large stock of our own growing, **Strictly true to name,** all in strong divisions, with from 3 to 5 eyes each.

The figures preceding the varieties are the rating given to them by the American Peony Society.

Peonies in established plantings need to be fed each Spring. A top-dressing of a good commercial fertilizer well worked in will do wonders, but it should be applied early.

WHITE AND LIGHT SORTS

	Each	10	100
8.8 **Alsace Lorraine.** Creamy white, center tinted Havana brown. Very beautiful form; late midseason...	$0.50	$4.00	$35.00
8.7 **Avalanche.** A magnificent flower that opens like a rose. Pure snow-white, with a few pencilings of carmine on the edge of the center petals. Delightfully fragrant; late midseason. A very good cut flower and cold storage variety.....	.50	4.00	35.00
8.1 **Duchess de Nemours.** Superb cup-shaped, sulphur-white flowers. Early; free flowering; fragrant.....	.50	3.50	30.00
7.9 **Mad. de Verneville.** Fragrant flowers, very full double, pure white, with center delicately tinted blush. Early.....	.50	3.50	30.00

LIGHT AND DARK PINK AND ROSE

	Each	10	100
8.7 **Claire Dubois.** Clear, satiny pink, with glossy reflex. Late midseason.....	.50	4.00	.....
7.6 **Edulis Superba.** Usually blooms for Decoration Day. The flowers are a beautiful deep, vivid pink, with a silvery reflex, and are borne profusely on tall, strong stems. One of the best of all Peonies for cut flowers in its color and season; very fragrant.....	.50	4.00	30.00
8.9 **Georgiana Shaylor.** Pale rose-pink; midseason...	.50	4.00	.....
9.1 **Martha Bullock.** Immense cupped shape flowers of bright old-rose pink that are often 9 to 12 inches in diameter, on tall, stout stems. Very beautiful; fragrant; late. Good cut-flower variety.....	.75	6.00	.....
9.0 **Milton Hill.** Clear pink overlaid with sheen of delicate lilac. Very large bloom; excellent for cutting. Late.....	.60	5.00	.....
9.2 **Mons. Jules Elie.** By many considered the most beautiful of all Peonies. Enormous full flowers, resembling a Chrysanthemum; color a glistening satiny pink, overlaid with a sheen of silver. Very fragrant; early. Good cold storage variety.....	.60	5.00	45.00
8.7 **Reine Hortense (President Taft).** One of the finest Peonies. A vigorous, strong grower, a profuse bloomer and an excellent cut-flower variety. The flowers are extremely large and in color are a uniform light pink, center flecked crimson. Midseason.....	.50	4.00	35.00

RED AND CRIMSON

8.4 **Felix Crousse.** Large globular blooms of rich, even, brilliant, dazzling ruby-red; late midseason. Good cut flower and storage variety.....	.50	4.00	35.00
8.2 **Grover Cleveland.** Rich dark crimson; late.....	.50	4.00	35.00
8.8 **Karl Rosefield.** Very large flower, globular, semi-rose type. Extremely vigorous grower; tall, early...	.50	4.00	35.00
8.2 **Mme. Gaudichau.** Large, rather loosely built flowers of brilliant dark red; late midseason. Fine garden variety. Foliage vivid red in spring.....	.60	5.00	.....
8.8 **Richard Carvel.** Large globular flowers, all one shade of bright crimson. Tall, very stout stems, annual and profuse bloomer. Delicate fragrance. Early, usually in bloom for Decoration Day.....	.60	5.00	.....
8.6 **Officinalis Rubra Plena.** Old-fashioned early red usually in bloom by Decoration Day.....	.60	5.00	.....

JAPANESE-FLOWERED PEONIES

Unusually fine for Landscape Work	Each	10	100
8.2 **Gold Mine.** Petals deep rose; deep gold center....	.50	4.00	30.00

UN-NAMED PEONIES—Divided Roots of from 3 to 5 Eyes

	Each	10	100
Double Pink.....	$0.50	$3.50	$25.00
Double White.....	.50	3.50	27.00
Double Red.....	.50	3.50	27.00

Our complete collection of Peonies, including new varieties, will be listed with prices in our Fall Book For Florists, ready about September 1st.

VAUGHAN'S IRISES

We have a large collection of Hardy Irises, including the best of the newer varieties. Write for price list which will be ready in early July.

HORMONES

Plant Stim This is a complete Hormone, including necessary vitamins for treating of transplants of all kinds. Besides containing root forming Hormones and Vitamin B1 and other members of the Vitamin B1 complex which are important in plant growth, it has fungicidal value. Stimulates quick growth of transplants and prevents wilt. 3 oz. retails for **50c**, per case of 24, **$7.20**; price, 1 lb., **$2.00**; 5 lbs., **$7.50**.

STIM ROOT

An improved rooting compound containing several different hormone-like chemicals in sufficient quantities to produce root stimulation in the hard type of cuttings, and still is safe to use on the softer, more easily injured plants. Also contains a fungicide that checks fungi that rot cuttings. A small amount of dust will coat each cutting evenly, making a pound go further. ¾ oz. retails at **50c**, per case of 24, **$7.20**; 2 oz. retails at **$1.00**, per case of 12, **$7.20**; 1 lb., **$5.00**.

SEED-LESS-SET
HORMONE SPRAY

A new scientific development insures "set" of first tomato flowers which usually fall off during early spring; eliminates seeds; causes weeks earlier ripening; increases yield and size of fruit; polinates self-sterile plants. 8 oz. retails at **$1.00**, per case of 12, **$7.20**; quart, **$3.00**; gallon, **$9.00**.

Hormodin Powder Combination package. No. 1, 2, 3, in one carton. Price **75c**; doz., **$6.00**.

No. 1 Powder 1¾-oz. tin, each, 50c; 1lb., $3.00.
No. 2 Powder 1¾-oz. tin, each, 75c; 1lb., $4.50.
No. 3 Powder 1-oz. tin, each, $1.00; ½ lb., $4.50.

ROOTONE
PATENTS PENDING

A Hormone powder easy to use; anyone can apply safely; no skill is needed to apply; Rootone—no measurements, no vials, no elaborate charts to follow—just dip and plant. Price, ¼-oz. pkt., **25c**; doz., **$2.00**; 2-oz. jar, enough to treat 3,000 cuttings, **$1.00**; doz., **$8.00**; 1-lb. jar will treat up to 30,000 cuttings, **$5.00**. **Write for leaflet, all postpaid.**

Rootone No. 10. For slow to root evergreen cuttings. 2 oz., each, **$2.00**; 1 lb., each, **$10.00**.

Transplantone For treatment of transplants of all kinds, it contains the root forming hormones, vitamin B-1 and other members of the vitamin B complex, which are important in plant growth. ½-oz. pkt., each, **25c**; doz., **$2.00**; 3 oz., **$1.00**; doz., **$8.00**; 1 lb., **$4.00**.

Fruitone. The hormone spray for stopping preharvest drop of apples and other fruits. Also reduces drop of flowers and leaves. 2/5 oz. pkt. dozen, **$2.00**, retails at **25c** per pkt.; 2 oz. (makes 25 gal. spray); **$1.00**; doz., **$8.00**; 12 oz., **$5.00**.

Write for price on larger quantities.

Mackwin Vitamin B1. The bottle has a dropper top 2-oz. bottle, each **$1.00**; display box of 12 bottles, **$7.33**.

Mackwin Vitamin B1. A display card of 24—½ oz. bottles of liquid vitamin B1. Price **$5.30**; retails at **35c** each.

Zoom Vitamin B1. The bottle has a dropper top, 2-oz. bottle, each **$1.00**; display box of 12 bottles, **$7.33**.

WEEDONE
TRADE MARK

It kills the plant under ground as well as above ground. Does not irritate skin and does not corrode metal or spray equipment. Will not leave residue on plants that is hazardous to livestock or pets. Does not sterilize the soil. Mix one part to sixty parts of water. Will kill Poison Ivy, Bindweed (Morning Glory), Ragweed, Burdock, Dandelion, Plantain, etc. Price, per quart, **$4.00**; gallon, **$12.00**; 5 gals., **$55.00**.

"HERBICIDE"
THE WEED EXTERMINATOR

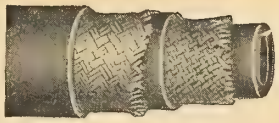
For ordinary grass and weeds each part of Herbicide may be diluted with forty to fifty parts of water. One gallon will cover app. 2,500 sq. ft. Herbicide is a poison. Live stock should be kept off the treated ground until the dead leaves wither way. Qt., **50c**; gal., **$1.50**; 5 gals., **$6.00**; 10 gals., **$10.00**; 55 gals., **$35.00**.

SOIL SOAKER

Irrigation hose for deep soaking No. 0—12 ft., each, $1.15; six for $5.75; No. 1—18ft., each, $1.50; six for $7.90; No. 2—3 ft., each, $2.25; six for $11.90. No. 3—50 ft., each, $3.50; six for $19.50.

Rubber Hose, Couplers, Nozzles, Etc.

VAUGHAN'S ¾ INCH WATER HOSE. This is the finest grade of hose obtainable at this time. This is a two braid hose and is suitable for garden and greenhouse use. **Price 26c per foot.** Couplings, 35c per set extra. This hose can be furnished in any length. **⅝ in. Single Braid Hose. Price, per 50 ft. length, $4.50. Price, ¾ or ½-inch couplings, 35c per set; sample mailed free if desired.**



SPRAY HOSE. For high pressure spraying. ⅜-in., per ft., 26c; ½-in., per ft., 30c.

HOSE COUPLING, Improved Ever-Tight. No more waste of time, just press the lever, instant tight connection. A great time saver, a coupling that every greenhouse should be equipped with. Price, complete, 60c; doz., $6.00.

HOSE STRAPS, Caldwell. For ½, ¾ and 1-inch hose. Dozen, 40c; gross, $3.75

GARDEN CLUB PLASTIC ADJUSTABLE HOSE NOZZLE.

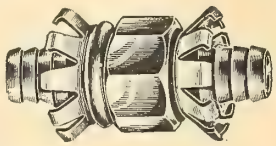
Dark red finish. Adjustable for sprays, streams and shut-off, leak proof. It is a satisfactory wartime substitute for standard brass nozzle. Each, 75c; per doz., $6.00.

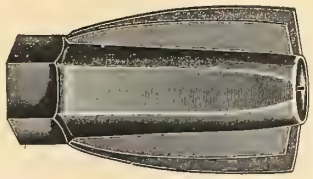
HOSE WASHERS. ¾-inch. Doz., 10c; gross, 50c.

PLASTIC CLINCHER HOSE COUPLING. Tight grip, will not leak, easily applied. Made with dark green plastic body. The heavily plated fingers grip the hose tightly and make a leak-proof connection. The couplings have a large octagon shaped swivel. They are easily attached. Each, 35c; doz., $3.60.

Plastic Clincher Hose Mender

Price each, 15c; doz., $1.20.





MIST-IC FANSHAPED FLAT SPRAY

Made of plastic—light in weight and easy to handle, this slotted nozzle throws a perfect spray, an even fine fan-shaped flat spray that is just what gardeners want and need. Each, 50c; doz., $4.00.

Vaughan's High-Grade Fertilizers

The highest grade only. Guaranteed analysis. Prices net cash.

NOTE—These prices are f. o. b. New York

ADCO ARTIFICIAL STABLE MANURE. Ceiling prices, 7½ lbs., 85c; doz., $8.40; 25-lb., bags, $2.00; 150-lb. bags, each $10.50.

ALUMINUM SULPHATE. For creating acid conditions in the soil. Ceiling prices, 25 lbs., $1.25; 100 lbs., $3.50; 500 lbs., $16.00.

AMMONIUM NITRATE. 32% nitrogen, a good substitute for nitrate of soda and goes twice as far, 100 lbs., $3.50.

VAUGHAN'S SPECIAL ROSE GROWER BONE MEAL. "Rose Grower." This is a special brand we have put up for our trade. It is ground fine, hence acts quickly. Free from acid, and a superb article. It is made from bone accumulated in large slaughter houses, and should not be compared with the Bone Meal made from cattle heads and feet gathered upon the Western prairies. Our "Rose Grower" Bone has been slightly steamed to soften it and is thus quicker in its action. Analysis: Nitrogen, 3.70 percent; total phosphoric acid, 20 percent. Ceiling prices, 100 lbs., $4.00; 1,000 lbs., $35.00.

BACTO BACTERIAL COMPOSITION. Makes fertilizer out of garbage, sewage, leaves, garden rubbish, sawdust, etc. Cheaply and quickly deodorizes outdoor toilets. Ceiling prices, 5 lbs., $1 45; 20 pkgs. for $19.80; 25 lb. bag, $4.25; 4 bags for $13.20; trial size of 10 4-oz. pkgs., $2.50.

BONE AND BLOOD. Use one pound to bushel of soil for potting soils, one-fourth pound to square yard as top dressing. Ceiling prices, 100 lbs., $3.25; 1,000 lbs., $30.00; 2,000 lbs., $58.00.

CATTLE MANURE, Shredded. High grade natural fertilizer. Ceiling prices, 100 lbs., $2.25; 1,000 lbs., $22 50; 2,000 lbs., $44.50.

DRICONURE. A good fertilizer with a peat moss base impregnated with a high grade manure. Ceiling price, 50 lb. bag, $1.90.

DRIED BLOOD. Ceiling price, $7.50.

HYPONEX PLANT FOOD. For growing plants in soil, sand or water. Ideal for starting seeds and cuttings. 1 teaspoon makes a gallon of plant food; 1 lb. makes 100 gallons. Ceiling prices, 25c size 36 to carton, $6.00; $1.00 size 12 to case $8.00; 10 lb., $5.35; 25 lbs., $10.00.

FULTON'S PLANTABBS. Odorless plant food in tablet form; supply a complete balanced plant food including Vitamin B-1. Put up in boxes. Ceiling prices, 10c size, doz., 72c; 25c size, doz., $2.00; 50c size, doz., $4.00; $1.00 size, doz., $8.00; $3.50 size, each, $2.35. Special discount of 5% on orders totaling $6.00 to $12 00; 10% on orders over $12.00.

GRANULATED PEAT MOSS (Imported). Per bale of about 22 bushels, Ceiling price, $4.00; 5 bales or more, $3.75. Write for quantity lot prices. ½ bales, $2.25.

ELECTRA. (F. O. B. Massachusetts). A great favorite with private gardeners and commercial growers. High in organics. Ceiling price, 100 lbs., $6.75.

HARDWOOD ASHES. Canadian Imported. This is also a splendid fertilizer for the lawn and garden, containing all of the fertilizing elements except nitrogen. Is used on the lawn at the rate of a ton or more per acre as a first application, and annual dressing of three hundred pounds afterwards will insure a thrifty growth of dark color, exemption from ill effects of dry weather and freedom from weeds. Ceiling prices, 100 lbs., $2.75; 1,000 lbs., $22.00; 2,000 lbs., $42.00.

HORN DUST. Has same effect as Horn shavings except it is immediately available. Ceiling price, 100 lbs., $6.50.

HORN SHAVINGS, Synthetic. Quick acting and lasting. 100 lbs., $6.00.

HY-GRO. The soluble plant food. 13-26-13. The nearest fertilizer to Nitrophaska. Excellent for forcing. If given a little counter space will bring results. Ceiling prices, 3 oz. retails 25c each, packed 12 to a display carton, $1.80 per carton. 20-oz. retails for $1.00, packed 12 to a carton, $7.20 per carton. 10 lbs. retails for $4.00, packed single carton, each, $2.40.

LEAF MOLD. Sifted re-cleaned, put up in two bushel bag. Ceiling prices per hundred lbs., $3.00; 1000 lbs., $25.00; 2000 lbs., $40.00.

MURIATE OF POTASH. 100 lb., $4.00; 500 lbs, $18.00; 1,000 lbs., $35.00.

NITRATE OF SODA. 16% nitrogen. 100 lbs, $3.50; 1,000 lbs, $32.50.

ORCHID PEAT. Ceiling prices, two bushel bag, $3.50 each.

SHEEP MANURE. Vaughan's Pulverized. Pure, dry, finely ground. Ceiling prices, 25 lbs., 80c; 50 lbs., $1.25; 100 lbs., $2.15; 1,000 lbs., $21.00; 2,000 lbs., $40.00.

SULPHATE OF POTASH 48%. Ceiling prices, 100 lbs., $4.00; 500 lbs., $18.00; 1,000 lbs., $35.00.

SUPERPHOSPHATE. 20% available. Ceiling prices, 100 lbs., $2.00; 1,000 lbs., $14.00; 2,000 lbs., $26.00.

UREA. A highly concentrated fertilizer, containing 46% available nitrogen. Clean, odorless, stainless, for flowers, vegetables, berries, shrubs, lawns, ornamental and fruit trees. 92 times stronger than manure. 100 lbs., $7.50.

AGRICO. For Lawns, Trees, Shrubs and Flowers, 10-6-4. Ceiling prices, 5-lb., packed ten to a bale, each, 30c; retails at 45c; 10-lb. packed six to a bale, each, 53c; retails for 85c; 25-lb., packed four to a bale, each, $1.00; retails at $1.50; 50-lb., two to a bale, each, $1.70; retails for $2.50; 100-lb., $2.75; retails for $4.00.

AGRICO VICTORY GARDEN FERTILIZER. For production of food only. Ceiling prices, 10 lb., packed six to a bale, each, 53c; retails for 80c; 25 lb., packed four to a bale, each, $1.00; retails for $1.40; 50 lb., packed two to a bale, each, $1.55; retails for $2.20; 100 lb., each, $2.50; retails for $3.50.

AGRICO. For Commercial Growing. 4-12-4. A well balanced fertilizer for the commercial grower, can be used on practically everything in Greenhouse forcing or outside—neutral in its reactions. Ceiling prices, 100 lbs., $2.70. On all Agrico we will prepay delivery on 500 lbs. or more and will allow an additional 5% Discount for ton lots.

VIGORO. A specially prepared plant food. It contains all elements plants need for healthy growth. Ceiling prices, 5 lbs., 29c, retails for 45c; 10 lbs., 56c, retails for 85c; 25 lbs., $1.00, retails for $1.50; 50 lbs., $1.70, retails for $2.50; 100 lbs., $2.75, retails for $4.00. 500 lbs. delivered free to your railroad station within 500 miles of New York.

VIGORO VICTORY GARDEN FERTILIZER. 5-10-5. For production of food only. Ceiling prices, 5 lbs., 35c, retails 50c; 10 lbs., 56c, retails for 80c; 25 lbs., $1.05, retails for $1.45; 50 lbs., $1.70, retails for $2.35; 100 lbs., $2.70, retails at $3.70.

VIGORO FERTILIZER TABLETS. 24 tablets per box, 30 boxes in display case. Ceiling prices, case at $1.80, retails at 10c each.

ARMOURS SPECIAL ORNAMENTAL FERTILIZER. For flowers, lawns, trees, and shrubs, 6-12-4. Ceiling prices, 25 lbs., $1.00, retails at $1.50; 50 lbs., $1.70, retails at $2.50; 100 lbs., $2.75; retails at $4.00.

ARMOURS VICTORY GARDEN FERTILIZER. For production of food only. Ceiling prices, 25 lbs., 85c, retails, $1.25; 50 lbs., $1.45; retails for $2.15; 100 lbs., $2.40; retails for $3.50.

POULTEK FERTILIZER. 4-3-2. All organic no restrictions; may be used on Lawns, Trees, Shrubs, Ideal for Vegetables, and all plants inside and outside; packed in 25 lbs. and 50 lbs. only. Ceiling prices, 25 lb., $1.00; retails for $1.50; 50 lbs. costs $1.75, retails for $2.50.

KEM LIQUID PLANT FOOD

Best and Safest Summer Food for Plants and Lawns

A complete balanced ration for plants, a nutrient solution containing all essential elements, Nitrogen, Phosphate, Potash, including Calcium, Boron, Sulphur, etc., merely dilute Kem solution with hydrant water. Ceiling prices, house plant size retails for 25c; 2 doz., to case, $4.00; 50c size, 12 to case, $4.00; $1.00 size, 4 to case, $3.00.

Due to war conditions and limited supply of Fertilizer and materials, we are unable to list all those items that we have been selling for many years But some may be available from time to time. We would, therefore appreciate your inquiries on all your requirements. All such inquiries will be answered the same day received.

Insecticides and Fungicides

Add Postage According to Weight and Zone (See Order Blank).

In addition to the materials listed below we can supply any preparation on the market at the right price for your own use, or for resale If you do not find the brand you wish listed, ask us for a price on the quantity desired. Attractive profits are earned by selling small-package insecticides at retail, for which sales most flower buyers are good prospects.

ACME BAIT-M with Metaldehyde. A double-action insect bait. To control cutworms, sow bugs, grasshoppers and earwigs. Ceiling prices 1 lb., 25c, doz., $2.00; 2½ lb., 50c; doz., $4.00.

ACME EMO-NIK. A combination spray of nicotine and summer oil emulsion for controlling aphids scale, thrip, mealy bug, etc. Ceiling prices, 4½ oz., 35c; doz., $2.52; pint, 65c; doz., $5.20; gal., $2.80.

ACME SCIENTIFIC ROSE SPRAY. For roses, flowers and shrubs of all kinds. Consists of three elements for controlling sucking and chewing insects, black spot and other fungus diseases. No. 3 kit will make 12 qts. Ceiling prices, each, 95c; doz., $6.84. No. 6 kit will make 24 qts. Ceiling prices, each, $1.50; six, $5.40. No. 24 kit will make 96 qts. Ceiling prices, each, $4.00; three for $7.20.

ACME KOPPER QUEEN. A strong liquid copper spray for control of mildew, leaf rot and black spot on roses, flowers and plants. Ceiling prices, 8 oz., 35c; doz., $2.40; qt., 75c; gal., $2.00.

APHINE. Ceiling prices, pt., 75c; 1 qt., $1.00; 1 gal., $3.00.

ARASAN. Ceiling prices, 5 lbs., $6.45; 25 lbs., $30.00; 100 lbs., $115.00.

ARSENATE OF LEAD. The standard spray or dust for quick, dependable control of practically all leaf-eating (not sucking) insects. Ceiling prices, 1-lb. carton, 30c; doz., $2.80; case of 24, $5.40; 4-lb. bag, 75c; 48 lbs., $7.20; 100 lbs., $14.00.

BLACK ARROW DUST. A non-poisonous pyrethrum dust, effective against many insects. Ceiling prices, 2 lbs., 50c; doz., $4.20.

BORDEAUX MIXTURE. (Dry.) The best fungicide for curing and preventing black rot, mildew, blight, leaf curl, scab or other fungoid diseases on fruits and plants. One pound will make 5 gallons liquid. Ceiling prices, lb., 30c; doz., $2.80; 4 lbs., 75c; case of 24 lbs., $3.75.

CALCIUM ARSENATE. (Dry.) Ceiling prices, lb., 30c; 4 lbs., 70c.

CARBON DISULPHIDE. For ants and cut worms. Ceiling prices, 1 lb., 50c; doz., $4.20.

COPPER SULPHATE. Crystals. Ceiling prices, 10 lbs., $1.50; 25 lbs., $3.50; 100 lbs., $12.00.

CORROSIVE SUBLIMATE. Calomel, Calogreen, Calochlor, and other mercurials. Due to fluctuating market, write for prices.

CYANOGAS "A" GRADE. For moles, rats, gophers, and other ground rodents. Ceiling prices, 1 lb., doz., $6.00; 5 lbs., each, $3.00; 25 lbs., $10.00; 100 lbs., $25.00; 4-oz. tins for ants, doz., $2.40.

CYANOGAS CALCIUM CYANIDE "G." Greenhouse fumigant. Aphids, white fly, thrips, soft scale, and mealy bug and control for crop-destroying rodents. Ceiling prices, 5 lbs., $3.00; 25 lbs., $10.00; 100 lbs., $25.00. Write for leaflet; freight prepaid on 100-lb. lots.

D. N. SULPHUR DUST No. 10. A new and very effective control for red spider, thrips, and rust diseases on carnations. Ceiling prices, 10-lb. bag, $3.50; case of 5 bags, 50 lbs., for $12.50.

D. N. DUST No. 12. For control of red spider, mite and thrips on roses, calla lilies, snapdragons, gardenias and carnations. The active element in D.N. Dust No. 12 is a dinitro compound effective in all stages of mite development. Should be used before blooming period. Ceiling prices, per 10-lb. bag, $4.50, case of 5 10-lb. bags, $20.00.

DOWSPRAY 17. A Dinitro Compound for use as a wet spray to control red mite and thrips. Helps produce better foliage. Protection for roses, carnations, calla lilies, azaleas, snapdragons, gardenias, hydrangeas, etc. Put up in ¾-lb. cans, 9 to a case. Ceiling prices, each, $2.50; per case, $20.25.

DRY LIME SULPHUR. For dormant spray use 12 to 15 lbs. to each 50 gals. of water. For summer spray, 3 to 4 lbs. to each 50 gals. of water. Ceiling prices, lb., 35c; doz., $3.00; 5 lbs., $1.50; 25 lbs. $4.50; 100 lbs., $11.50.

FISH-OIL SOAP. Standard wash for trees and plants where insects and eggs affect the bark. Ceiling prices, lb., 30c; doz., $2.50; 5 lbs., 95c; 10, $1.85.

FLOWERS OF SULPHUR. Dusting grade. Ceiling prices, lb., 15c; 10 lbs., $1.00; 50 lbs., $2.45; 2 bags for $4.25.

FORMACIDE FORMALDEHYDE DUST. Control "damping off" of flower and vegetable seedlings. Ceiling prices, 1 lb., 85c; 5 lbs., $2.50; 25 lbs., $10.00; 50 lbs., $17.50.

FUME TOBAC. Fumigating Powder. Ceiling prices, 25-lb. drum, $5.00; 50-lb. drum, $8.00; 100-lb. drum, $15.00.

FUNGINE. New remedy for mildew, rust and other fungus diseases for greenhouse and outdoor use. Ceiling prices, pt., 60c; qt., $1.00; gal., $3.00.

GRAPE AND ROSE DUST. Excellent for the prevention and destruction of mildew on plants. Ceiling prices, lb., 35c; 5 lbs., $1.25; 10 lbs., $2.25; 25 lbs., $4.50.

GRASSELI S. S. 3 COMBINED SPREADER AND STICKER. Designed especially for use with agricultural sprays. Ceiling prices, pt., 75c; gal., $4.75.

L 333. ROTENONE PLANT SPRAY. Ceiling prices, gal., $10.75; 5 gals. for $48.75.

LEMON OIL. Destroys mealy bug, scale, red spider. Ceiling prices, ½ pt., 35c; pt., 60c; qt., $1.00; ½ gal., $1.75; gal., $3.00; 5 gals., $12.00.

LORO. A new contact insecticide for controlling aphids, thrips, red spiders, etc. Ceiling prices, pt., $2.00; gal., $10.50; 5 gals., $45.00.

METHYL BROMIDE. An ideal fumigant for many purposes. For seeds, bulbs and many greenhouse plants. Ceiling prices, per lb. can, $1.15; 10-lb. cylinder, $7.75. Write for price on larger cylinders

NEW IMPROVED CERESAN. Ceiling Prices: 1-lb. can, 80c; 4 lbs., $2.70; 25 lbs., $15.00; 100 lbs., $55.00.

NICO-FUME HOLDER. For 1-lb. size pressure fumigator. "Adaptor" is included for the ½-lb. size. Ceiling price, each, 85c.

NICO-FUME LIQUID. For fumigating or spraying; contains 40% nicotine. Ceiling prices, lb., $2.45; 4 lbs., $6.55; 8 lbs., $11.25; 40 lbs., $45.75.

NICO-FUME PRESSURE FUMIGATOR. Put up in ½-lb. and 1-lb. cans, powder is now burned under pressure, giving better control of insects. The cans have a sparkler for lighting the powder. Ceiling prices, ½-lb. cans, 45c; six for $2.50; doz., $4.45; 1-lb. cans, 75c; six for $3.95; doz., $7.40. Orders for 36 1-lb. cans or 60 ½-lb. cans, prepaid by freight in United States and many parts of Canada. Also on a combined shipment of both sizes in full case lots weighing a total of not less than 50 lbs.

NICO-ROTE. A combination of nicotine and rotenone. Kills by contact and fumes. Ceiling prices, qt., $4.00; gal., $12.00.

NICOTINE. Fumigating powder. Ceiling price, 10-lb. cans, $6.30.

NO-PY-RO. The new synthetic insecticide for controlling aphids, mealy bug, green and white fly, etc. Ceiling prices, per quart, $3.00; gal., $10.00; 5 gals., $45.00.

No. 10 REFINED ROSE SPECIAL. For roses and carnations. Kills high percentage of eggs, no discoloring of blooms. Ceiling prices, per gal., $10.00; 5 gals., $45.00.

PARIS GREEN. Oldest and best brand. For chewing insects on potatoes and certain other hardy plants. Kills quickest. Ceiling prices, ¼-lb. carton, 20c; doz., $1.80; 1 lb., 45c; 5 lbs., $1.95; 14 lbs., $4.75.

PENETROL. An activator for nicotine spraying solutions. Ceiling prices, qt., 75c; gal., $1.75; 5 gals., $6.75.

PINE TAR. For tree surgery. Ceiling prices, qt., 60c; gal., $1.25.

INSECTICIDES AND FUNGICIDES—Continued

YAMTOX

A new insecticide that promises to replace Rotenone in the control of some insects. Yamtox is a concentration of the active principles of the Yam Bean (Pachyrhizus erosus). The Yam Bean affects many insects in much the same manner as Rotenone and seems to be the nearest approach to it. It has been used for centuries in the control of pests on vegetables in some parts of China. In Yamtox the toxic effects of the bean are extracted to make them as available as possible. They are further strengthened by chemicals of proven toxicity. Especially recommended for the control of Plant Lice, Red Spider, Thrip, Cyclamen Mite, Cabbage Worms, and most other insects that are controlled by Rotenone. It is very mild upon Plant Growth and safe to use even on most tender plants. Price per gallon, $12.00; case of 6/1 gallon cans, $11.00 per gallon; 30 gal. drum, $270.00.

POMO GREEN. Without nicotine. The new green fungicide for roses and other flowers and ornamentals; will control black spot, mildew and chewing insects. Ceiling Prices: Lb., 50c; doz., $4.00; 5 lbs., $1.75; 25 lbs., $8.00.

POMO GREEN. With nicotine. Ceiling Prices: Lb., 75c; doz., $6.00; 5 lbs., $3.00.

PYRETHRUM POWDER. Ceiling Prices: Lb., 75c; 5 lbs., $3.50; 10 lbs., $6.25; 25 lbs., $14.75. Write for price on larger quantities.

RESPIRATORS. For mild fumigating and dusting. Each, $2.25.

SALP. An effective insecticide for destroying thrips, leaf rollers and other chewing insects. Use at a ratio of 2 lbs. Salp with 4 lbs. sugar to make 100 gallons of solution. Where a sticker is required, 5 lbs. of flour can be added to the 100 gallons. Ceiling Prices: 10-lb. container, $3.25; 30-lb. container, $6.90; 50-lb. container, $11.00. Prices f.o.b. Elizabethport, N. J.

SULPHUR FOR SPRAYING. Magnetic spray. Wettable. Goes into suspension in water immediately like colloidal sulphur, at a lower cost. Ceiling Prices: 4 lbs., 50c; 6 for $2.75; 100 lbs., $8.00.

SCALECIDE. An oil preparation for San Jose scale. Use 1 gal. to 15 gals. water. Ceiling Prices: Qt., 65c; gal., $1.55; 5 gals., $5.50; 10 gals., $9.50. Write for price in barrel lots.

SELOCIDE. Kills red spiders. Ceiling Prices: Gal., $3.00; 5 gals., $13.50; 10 gals., $24.50; 30 gals., $58.50; 50 gals., $87.50.

SEMESAN. The universal seed disinfectant and plant stimulant. Important for control of damping off of seedlings, Gladioli, and disinfection of seed bed soil. Ceiling Prices: ⅓ oz. pkg., doz., 80c; 2 oz., 40c; doz., $3.20; 12 oz., $2.00; 4 lbs., $9.10; 25 lbs., $52.50; 100 lbs., $198.00. Write for leaflets, stating for what purpose desired. Write for leaflets on Semesan, Semesan Jr. and Semesan Bel.

SNAROL With Metaldehyde. An insecticide bait to combat snails, cut worms, sow bugs and grasshoppers. Ceiling Price: 1 lb. pkg., 25c; doz., $2.00; 2½ lb. pkg. 50c; doz., $4.00; 10 lbs., $1.35.

SPECIAL SEMESAN. Control for brown patch, dollar spot, etc. in bent lawns. Ceiling Prices: 6 lbs., $9.35; 25 lbs., $36.00; 100 lbs., $135.00.

SULPHATE OF IRON. A remedy for weeds on lawns, kills dandelions without injuring grass. Apply liquid with a fine spray. Particulars on application. Ceiling Prices: 5 lbs., 40c; doz., $3.00; 10 lbs., 75c; 25 lbs., $1.20; 100 lbs., $3.20.

TARTAR EMETIC. A spray for the control of Thrip, a life saver for gladiolus growers. Ceiling Prices: 1 lb., 90c; 5 lbs., $4.25; 25 lbs., $18.75; 100 lbs., $70.00.

THRIP JUICE No. 2. Destructive for mealy bug, scale, thrip, codlin moth, canker worm, beetles, caterpillars, etc. Ceiling Prices: Pt., 90c; qt., $1.50; gal., $5.50.

TOBACCO DUST (Regular Grade). Ceiling Prices: 10 lbs., 65c; 25 lbs., $1.20; 100 lbs., $3.50.

TOBACCO STEMS. Ceiling Prices: 100 lbs., $2.50; 500 lbs., $10.50.

TRIO-GEN. Fungicide, insecticide and plant stimulant. Ceiling Prices: A, small kit, makes 16 qts., $1.50. B, medium kit, makes 64 qts., $4.00. C, large kit, makes 32 gallons, $6.00. D, estate kit, makes 128 gallons, $20.00.

TRITON B-1956. An efficient emulsifier and spreader for insecticides and fungicides. Goes much further than ordinary spreader. Ceiling Price: Per gal., $6.50.

VERMINE. For eel, cut worms and wire worms working in the soil. Can be applied to all vegetation. Ceiling Prices: ½ pt., 40c; pt., 75c; qt., $1.10; gal., $3.00.

VOLCK. The Scientific Insecticide for nursery, greenhouse and garden. Controls scale, insects, mealy bug, white flies, red spiders, rust mites, aphids and thrips. Ceiling Prices: Pint, 50c; ½ gal., $1.25; 5 gals., $6.25; 28-gal. drum, $25.00; 54-gal. drum, $42.50.

WILSON'S O. K. PLANT SPRAY. A powerful yet harmless and efficient insecticide for aphids, red spider, mildew, scale, etc. Ceiling Prices: Qt., $1.00; gal., $3.00; 5 gals., $12.00.

Items You Can Sell

Following popular insecticides are priced in quantity for your use and also in small package assortments for re-sale.

Items below ordered in less than quantity quoted will be billed at a higher rate.

ROTOTEC

A Rotenone Garden Spray. Contains full amount of Rotenone necessary for good insect control. 4 oz. bottle retails at $1.00, price per dozen $7.20, pint bottle retails at $2.75, price per dozen $18.00.

McCORMICKS RED ARROW. Rotenone dust. 2 lb. pkg., 50c; carton of 12 pkgs., $4.00.

ACME JR. ANT KILL SET. Contains, 2-oz. bottle syrup and two safety service cups. Ceiling Prices: 35c per set; doz., $2.80.

ACME KOPPER KING. A scientific copper compound four times as strong as bordeaux mixture; will not cause bordeaux mixture injury on tomatoes. Ceiling Prices: lb., 45c; doz., $3.66; case of 24 pkgs., $7.08; 4-lb. bag, each, $1.05; per case of 12 bags, $8.88.

ACME VEGETABLE GARDEN AND FLOWER SPRAY. A combination spray for controlling sucking and chewing insects. Can be used as a dust or spray. Ceiling Prices: 1 lb. handy shaker top carton, price, 40c; doz. cartons, $3.24; per case of 24 cartons, $6.24; 4-lb. pkgs., per case of 12, $9.00.

ACME RED RIVER POTATO MIX. A special formula for potatoes. Ceiling Prices: 1-lb. bags, doz., $2.70; carton of 24 bags, $5.16; 4-lb. bags, 75c; six for $4.20; carton of 12 bags, $7.66.

ANT KILLER. Ceiling Prices: Master ½-oz. bottles, doz., 75c; 2-oz., doz., $2.00; 4-oz., doz., $4.00.

ANTROL READY FILLED SETS. Consisting of four patented glass feeders. Ceiling Prices: Per doz. sets, $3.20. Retails at 40c set. Packed in a strong display carton.

ANTROL ANT TRAPS. Kill both sweet and grease-eating ants. Ceiling Prices: Packed 12 in a display carton, retail at 10c each; carton of 12 traps, 80c.

ANTROL SYRUP REFILLS. Ceiling Prices: 4-oz. bottles, doz., $1.60.

APHIS SPRAY. A combination of Black Leaf 40 and Fish Oil Soap. Ceiling Prices: Per doz. 3-oz. tubes, $2.70. Retails at 35c per tube.

BLACK LEAF 40. Ceiling Prices: Oz. bottles, doz., $2.78; carton of 24, $5.56; 5-oz. bottles, doz., $8.55; 1 lb., $2.25 ea.; 2 lbs., $3.25 ea.; 5 lbs., $6.00 ea.; 10 lbs., $11.00 ea.

DAWG-GONE. Protects evergreens from dogs. Ceiling Price: Per doz. tubes, $2.00.

DOGZOFF. Keep dogs and other animals away from trees, shrubs, evergreens, etc. Ceiling Prices: Bottle, 60c; doz., $4.80; gross, $46.08.

GO-WEST INSECT BAIT. A bait to combat Snails, Slugs, Cut Worms, Sow Bugs, Grasshoppers and Earwigs. Price for Garden Size package which treats about 400 square feet, 60c; carton of 10 packages, $3.60. The large package which treats about 4000 square feet, $4.50; carton of 5 packages, $13.50; half acre package, $9.00.

C&O CROW REPELLENT. ½ pt. retails for 35c, packed 24 to a carton, price per carton $5.60, pint retails at 55c, price per dozen, $4.40.

NICOTINE PYROX. 20-oz. jars. Ceiling Prices: Doz., $4.60; carton of 24, $8.97; 5 lbs., $1.50; case of 12, $15.60; 25-lb. drum, $6.50; 50-lb. drum, $10.65.

PYROX. Combination insecticide and fungicide. Ceiling Prices: 25 lbs., $5.75; 50 lbs., $8.35.

RED ARROW GARDEN SPRAY ROTENONE. Ceiling Prices: 1-oz. bottles, carton of 24, $5.40; 4-oz. bottles, doz., $8.00; pint, $2.50; qt., $3.60; gal., $11.50.

ROTOTEC SPECIAL DEAL. 24 1-oz. bottles and 2 4-oz. bottles, retails for $10.40. Dealer's price, per deal, $5.04.

SLUG SHOT, Hammond's. An insecticide for destroying chewing insects. Ceiling Prices: Doz. 1-lb. pkgs. for $2.40; 5-lb. pkgs., 12 for $9.60; 25-lb. bag, $5.50; 50-lb. bag, $11.00.

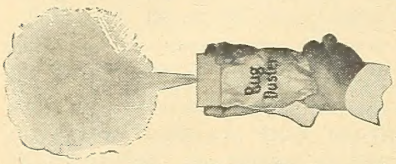
TREE TANGLEFOOT. Ceiling Prices: 6-oz., case of 24 cans, $7.20; 1-lb. cans, per doz., $7.60; per case of 24, $14.40; 5-lb. can, $2.95; case of 6, $16.87; 10 lbs., $5.50 each; case of 4 cans, $21.00; 25 lbs., $12.00 each.

WETTABLE DUSTING SULPHUR. Put up in attractive 2-lb. cans, which retail at 35c each. Ceiling Price: Per doz., $2.50.

Dust and Pump Guns

ACME TOMATO DUST PUMP GUN. Contains basic copper arsenate. The latest improvement in the insecticide field containing a safe arsenical for controlling the tomato worm and the tomato fruit worm as well as the early and late blight and other fungus diseases which infest the tomato plant. Will not cause worm wilt. A full pound in a pump gun duster package ready to use. Retails 55c each. Ceiling price, per doz., $4.20; carton of 24 pkgs., $7.92.

ROTENONE GARDEN GUARD PUMP GUN. The old proven Rotenone insecticide which controls both sucking and eating insects. A full pound in a pump gun duster ready to use. Retails 59c ea. Ceiling price, per doz., $4.50. Carton of 24 pkgs., $8.48.



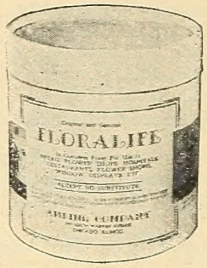
KALITE ROTENONE BUG DUSTER. This practical, efficient duster bag contains a pound of impregnated Rotenone Dust. A practical package for dusting Victory Gardens. Price per carton of 24 1 lb. packages, $5.40; 4 lb. bags, 12 to a carton, $5.76 per carton; 25 lb. bags, $3.00 each.

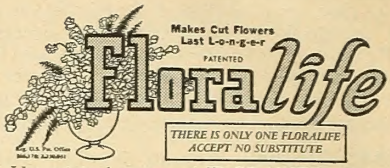
KRYOCIDE. Can be used as a spray or dust, highly effective in controlling many chewing insects. Retails at 35c per lb. Ceiling price per case of 24 cans, $5.52.

KRYOCIDE C. This is a ready-mixed dust containing natural Cryolite and Copper in basic Copper Sulphate. 1 lb. packages, per carton of 24, $7.92; 3 lb. bags, per carton of 12, $6.96.

KRYOCIDE D50 WITH SULPHUR. A combination insecticide and fungicide for chewing insects. Contains natural Cryolite. Retails at 50c per lb. Ceiling price per carton of 24 cans, $7.20; 3 lb. bag retails for 85c; carton of 12 cans, $6.60.

RABBIT REPELLENT. With safety to all including the rabbits. This 200 mesh fine snuff-like product is impregnated with rain resistant repelling "naturals" so that an application should last several weeks. 5 lb. package will treat 100 to 150 individual plants or 200 to 250 running feet of plant row. Ceiling price, per carton of 24 1-lb. pkgs., $7.20. Retails for 45c, 5 lb. bag retails for $1.75. Ceiling price per carton of 6, $7.00.





Use original, patented FLORALIFE! Bring customers back for more of your cut flowers because they last 5 to 10 days longer! Blossoms hold color and fragrance. No need to change water or to re-cut stems. Opens buds extra wide!

Handsome, Colorful Counter Displays

FLORALIFE sells on sight at 10c to all flower lovers. A fine profit for you. Packet prices in cartons; 25 2-qt. size, $1.25; 100 2-qt. size, $5.00.

Enclose a packet with each sale. And put it in your vase-flower orders. Also in your stock pots. FLORALIFE makes flowers, under refrigeration, last weeks longer!

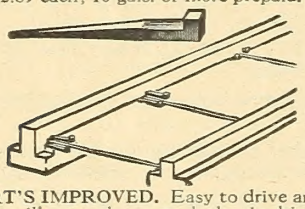
FLORALIFE IN BULK

30-qt. size ($1 retail)	$ 0.60
100-qt. size ($3 retail)	1.75
250-qt. drum (10 lbs. net)	4.00
500-qt. drum (20 lbs. net)	7.50
1000-qt. drum (40 lbs. net)	13.50
2000-qt. drum (80 lbs. net)	25.00

BULK SIZES

Wire Stakes and Supplies

GARLANITE. The original white glazing compound. Price, 40 and 60 gals., $2.40 per gal.; kegs, 10 and 20 gals., $2.50 per gal.; 5 gal. cans, $2.70 gal.; 1 gal. cans $2.85 each; 10 gals. or more prepaid.



SIEBERT'S IMPROVED. Easy to drive and made so they will not wedge or crack glass in driving. The head gives a good surface and makes it very easy to drive with a chisel, and the point is very easily pulled out when repairing greenhouse roof. Two sizes, ⅝ and ⅞-inch long, put up in 1 lb. packages. Over 1,500 points in 1-lb. pkg. of ⅝; over 1,000 points in 1-lb. pkg. of ⅞. Price, per lb., 50c; 5 lbs. $2.25; 20 lbs., $8.25.

VITAPLASTIC GREENHOUSE MAINTENANCE PRODUCTS, Vita Bar Seal Paint. Effectively seals and protects Greenhouse Bars, having excellent durability and adhesion to both bars and glass due to the exclusive use of Vitaloid. Per gallon, $3.50; 5 gallons, $17.50. Freight prepaid on 10 gallons or more.

Vita Bedding Compound. An excellent elastic compound for rebedding. Gal., $2.75; 5-gal. pails, $12.50; 10 gals. or over prepaid.

PUTTITAPE. A wonderful new method of glazing new ever soft gum now mounted on tape, made of lead foil to protect it, comes to you in handy rolls. Just unroll on the sash and bars, price, 100 ft., $3.50; per 1,000 ft., $30.00.

SEAL-A-SEME. For repairing leaky ice cans, galvanized vases and greenhouse water buckets. Easily applied, brine proof. Does not retard refrigeration. Creates an absolutely tight joint that will last for years without further care or attention. 1 lb. can, 85c; 10 lbs., $7.50.

GLAZING PUTTY. Gun Grade. A superior grade which will not dry out and crumble. Seals tight, remains soft and pliable. Gal., $2.10; 5 gal. can, $10.00; 30 gal. drum, $55.00.

PUTTYROPE. A great new improvement for glazing and caulking, easy to apply, won't deteriorate, run or get brittle. 100 ft. to a box. 100 ft., $1.00; 700 ft., $3.75. F. O. B. Pana, Illinois.

GARLAND WHITE SHADING COMPOUND. 25 lbs. is equivalent to 2 gals. 25 lbs., $4.00; 50 lbs., $7.00; 100 lbs., $13.00; 200 lbs., $24.00; 300 lbs., $35.00; 500 lbs., $55.00, F. O. B. Chicago or Cleveland, O. 100 lbs. or more, freight prepaid and shipped from factory.

TAMM'S SHADING COMPOUND. Save on shading painting. Stays on in rainy weather and is easily removed when no longer needed; none better made. White, per 100 lb. keg, $ 10.00; Barrel of 400 lbs., $32.00. Green, 2c per lb. higher.

RAFFIA. Natural, Best Grade, F. O. B. Chicago. Lb., 75c; 5 lb. lots, per lb., 72c; 10 lb. lots, per lb., 70c; 25 lb., lots, per lb., 68c; 100 lb. lots, per lb., 66c. Bale lots about 225 lbs.), per 100 lbs., $64.00.

Dyed—Old gold, pink, purple, emerald green, dark red, bright red, black, navy blue, orange. Per lb., at 95c; 10 lbs. at 90c; 25 lbs. at 80c. Samples on application.

PLANT STAKES—A FULL LINE

Bamboo Stakes, Plain and Green Painted.

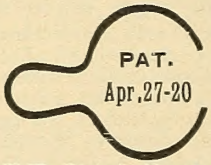
	F.O.B. Chicago Per Bale of			F.O.B. New York	
Green.	Per 100	Per 1000	2000	Per 100	Per 1000
1½ feet...	$0.95	$5.25	$ 9.90	$0.85	$5.00
2 feet...	1.20	6.50	11.50	1.15	6.20
2½ feet...	1.40	8.50	16.00	1.25	8.25
3 feet...	1.65	9.50	18.50	1.50	9.00
3½ feet...	2.25	10.50	19.80	1.95	10.00
4 feet...	2.50	11.75	22.00	2.25	11.25
Natural.					
6 feet...	2.75	18.50	....	2.50	17.50

Write for price in bale lots.

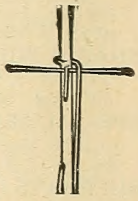
Write for price on Green Painted light and heavy wood stakes.

Galvanized Steel Wire Stakes. Far superior to wooden stakes and practically indestructible. We supply l argest buyers. Price subject to change without notice. We can also supply 12-gauge stakes, write us for price on quantities, delivered to your nearest freight depot.

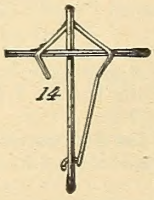
No. of Gauge—	No. 9 Wire			No. 8 Wire		
	Per 100	Per 500	Per 1000	Per 100	Per 500	Per 1000
3 ft...	$1.80	$ 8.25	$14.60	$2.25	$10.75	$17.75
4 ft...	2.15	9.75	17.25	2.75	12.25	22.00
5 ft...	2.75	13.00	23.75	3.50	15.50	25.75
6 ft...	3.25	14.75	26.75	4.20	16.75	29.95



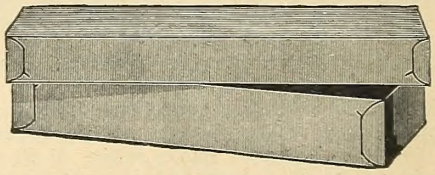
PLANT TIES, Lighting Wire. Per box of 1000, $2.00; 5 or more boxes, $1.95 per box. Shipping weight per box, 2 lbs.



CLIP, Blake's New Loop Lever. For roses, 'mums, etc., up-to-the-minute stake holders; holds stakes with firm grip. Loop clips allow you to remove and replace any stake any time. They never slip and are a great saving in time and money. Price, $2.00 per 1,000. 5,000 for $9.50. Samples mailed free.



STAKE FASTENERS. Everlasting, packed 500 to a box, per box, $1.30; 10 boxes or more, $1.20 each.



CUT FLOWER BOXES—WHITE

Full Telescope patent coated.

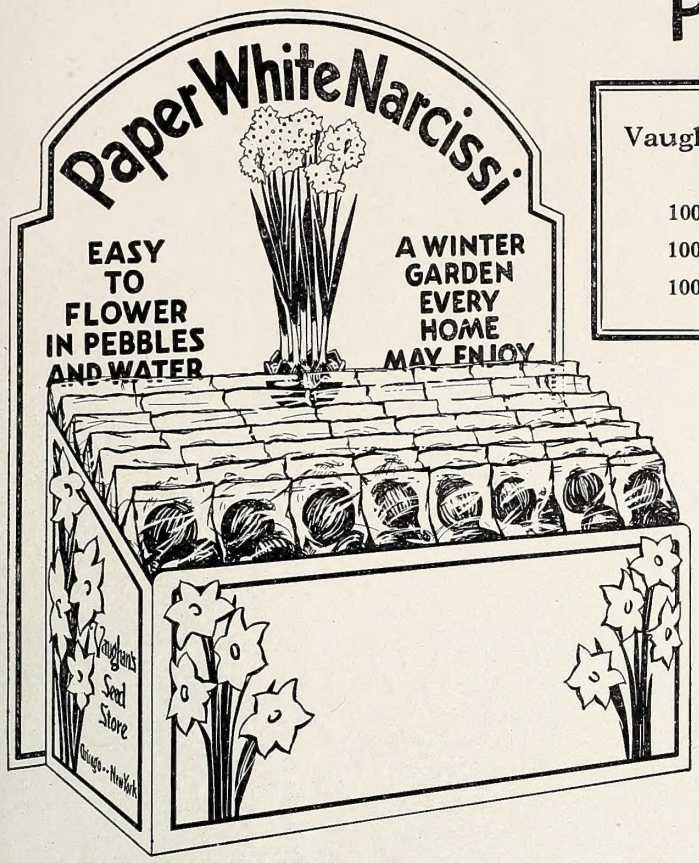
24x5x3½	$7.90 per 100
30x5x3½	8.20 per 100
28x8x5	12.95 per 100

WHITE CORSAGE BOXES

9x5x4	$6.50 per 100
12x5x4	6.85 per 100

Owing to the uncertainty o the manufacturers making deliveries of our regular grade of green cut flower boxes and gray design boxes, we are not offering these in this book. We may be able to furnish some of these boxes and we refer you to our 1943 catalog for sizes. Our price on these boxes would be the same as 1943 unless the manufacturers are permitted to advance our cost.

A Beautiful, Practical, Paper White Display



Paper White Display Box, 10x20 inches, Holding 100 Illustrated Bags

Vaughan's Paper White Display Box as Illustrated, together with

100 Bags, each holding 3 bulbs, 13-14 ctm., (300 bulbs)	$12.00
100 Bags, each holding 3 bulbs, 14-15 ctm., (300 bulbs)	14.00
100 Bags, each holding 3 bulbs, 15-16 ctm., (300 bulbs)	17.00

EVERY customer who enters your store is a prospect for a sale of Paper White narcissus bulbs. Here is a carefully designed, thoroughly tested method of displaying and selling them at a minimum of trouble and expense and the maximum of profit.

Florists cannot afford to sell inferior bulbs. Vaughan's bulbs of 13-14 ctm. circumference and up are of flowering size and highest quality. Three bulbs are enclosed in an illustrated bag which prevents picking over of the individual bulbs, injurious handling and resultant waste. Every bulb we ship you can be sold at a profit.

Our Paper White display box, specially reinforced, decorated in black, red and green, will harmonize with your store display and sell its contents. It occupies 10 by 20 inches space, and one filling provides $24 to $35 sales at 100% profit. Why let chain stores get sales which should be yours?

YAMTOX

A new insecticide that promises to replace Rotenone in the control of some insects. Yamtox is a concentration of the active principles of the Yam Bean (Pachyrhizus erosus). The Yam Bean affects many insects in much the same manner as Rotenone and seems to be the nearest approach to it. It has been used for centuries in the control of pests on vegetables in some parts of China. In Yamtox the toxic effects of the bean are extracted to make them as available as possible. They are further strengthened by chemicals of proven toxicity. Especially recommended for the control of Plant Lice, Red Spider, Thrip, Cyclamen Mite, Cabbage Worms, and most other insects that are controlled by Rotenone. It is very mild upon Plant Growth and safe to use even on most tender plants. Price per gallon, $12.00; case of 6/1 gallon cans, $11.00 per gallon; 30 gal. drum, $270.00.

STIMROOT

An improved rooting compound which has been developed after extensive testing by a well known research organization. It contains several different hormone-like chemicals in sufficient quantities to produce root stimulation in the hard type of cuttings, and still is safe to use on the softer, more easily injured plants. Also contains a fungicide that helps retard the development of many kinds of fungi that contribute to the rot of cuttings while in the cutting bench. It is so formulated that a small amount of dust will effect a complete and even coating on each cutting. In this way a pound of dust will go further. Price, ¼ oz. packet retails at 25c, per dozen $1.80; 2 oz. retails at $1.00, per dozen $7.20; 1 lb. retails at $5.00; each $3.25; six for $18.00.

D. N. DUST No. 12

To control Red Spider Mite and Thrips on Roses, Calla Lilies, Snapdragons, Gardenias and Carnations. Control should be obtained before blooming period if an application is necessary during bloom-time all marketable blossoms should be cut before dust is applied.

Packed in 10-lb. bags each, $4.50; per case of 5 10-lb. bags, $20.00.

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D. N. SULPHUR DUST No. 10

FOR CARNATIONS

Effectively controls Red Spider Mite, Thrips and Rust. One pound of dust will cover from 400 to 800 square feet of bench space, depending on size of plants effective both in field and greenhouse non-injurious to plant foliage like D. N. No. 12 should be applied before blooming period, effective under varied conditions of temperature and humidity put up in 10-lb. pkgs. each, $3.50; per case of 5 10-lb. pkgs., $16.25.

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TARTAR EMETIC

A spray for the control of Thrip, a life saver for gladiolus growers. Price, 1 lb., 90c; 5 lbs., $4.25; 25 lbs., $18.75; 100 lbs., $70.00.

PANSY

Vaughan's Super Swiss Giant Mixture. One of our leaders and represents the choicest strain of this popular and profitable flower. Combining the finest selections of several Pansy specialists, the perfect blending is further insured by the addition of separate colors that do not generally appear in the average mixture. Trade pkt., 75c; ⅛ oz., $1.50; ¼ oz., $2.75; oz., $10.00; ¼ lb., $32.00.